

STIC-Biotech/ChemLib

145249

From: Jiang, Dong
Sent: Tuesday, February 15, 2005 3:36 PM
To: STIC-Biotech/ChemLib
Subject: interference search for 10/036,041

1/12/99 - priority (by
declaration)

GeTH.

Please perform an interference search for 1) SEQ ID NO:1, and
2) SEQ ID NO:2 (standard & back
translation).

Please send results on paper to Dong Jiang in REM 4D70 (mail stop REM 4C70).
Thank you very much.

Dong Jiang

AU1646
REM - 4D70
571-272-0872
Mail stop REM - 4C70

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Searcher: _____
Searcher Phone: 2-_____
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Date Completed: 2/15/05
Searcher Prep/Rev. Time: _____
Online Time: _____

Type of Search

NA Sequence: # _____
AA Sequence: # _____
Structure: # _____
Bibliographic: _____
Litigation: _____
Patent Family: _____
Other: _____

Vendors and cost where applicable

STN: _____
DIALOG: _____
QUESTEL/ORBIT: _____
LEXIS/NEXIS: _____
SEQUENCE SYSTEM: _____
WWW/Internet: _____
Other(Specify): _____

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DB: 3 Gaps: 0

US-10-036-041-2 (1-246) x US-09-188-930-203 (1-1123)

QY 1 MetLeuTPaRgInLeuIeTYrTPGInLeuLeuAlaLeuPheLeuProPheCys 20

DB 180 ATGCTCAGAGGAGGAGCTGCTGCTGAGCACTGCTGCTTCTTCTCCATTTTGC 239

QY 21 LeuCySgInaSpGluTYrMetGluSerProGInThrGlyGlyLeuProProaPcySer 40

DB 240 CTGTGTAAGATGAATACATGAGCTCCACAACTGAGAGACCTGCCAGACTGCAGC 299

QY 41 LysCySgEhIsgIyAspTYrSerPheArgGlyTYrGInGlyProProGlyProProGly 60

DB 300 AAGGTTGCAATGAGATGATGATTCCTGCTTACCAAGGCGCCCTGAGCCCTCAGGT 359

QY 61 ProProGlyIleProGlyAenHISGlyAsnAngIyAsnAngIyAlaThrGlyHISGly 80

DB 360 CTTCTGCGCATTCAGAAACCAATGAAACAAATGAAATTAAGAGCCACTGGCCAGAA 419

QY 81 GlyAlaIySgIyGlyIySgIyAspIySgIyAspLeuGlyProArgGlyGlyIyGly 100

DB 420 GGGGCCAAGGCTGAGAAAGAGACAAAGCGAGCTGGGGCTCGAGGGGAAAGGGGGAG 479

QY 101 HisGlyProIySgIyGlyIySgIyTYrProGlyIleProProGlyLeuGInIleAlaPhe 120

DB 480 CATGGCCCCAAGATGAAGAGATACCCAGGGGTCCACAGAGCTGCAGATTGGCTTC 539

QY 121 MetIaSerLeuAlaThrHISpheSerAngIyAsnAngIyIleIlePheSerSerVal 140

DB 540 ATGGCTTCTTACGAGCTCACTTCAGCAATCAAGAACTGAGATTATTCAGCAAGT 599

QY 141 GluThraSniIegIyAsnPhePheAspValMetThrGlyArgPheGlyAlaProValSer 160

DB 600 GAGCAACAATTGGAACCTTCTGATGTCAATGATCTGATTTGGGGCCCGGTATCA 659

QY 161 GlyValTYrPhePheThrPheSerMetMetIyHISGlyAspValGlyGlyAlaTYrVal 180

DB 660 GGGGTGATTTCTTCACTTCAGATGATGAAGCATGAGAGCTGGAGAAAGTATGTG 719

QY 181 TyrLeuMetHISangIyAsnThrValPheSerMetTYrSerTYrGlyMetIySgIy 200

DB 720 TACCTTATGCAATGATTAACGAGTGTTCAGCATGATGATGATGAAACAAAGGAAA 779

QY 201 SerAspThrSerSerAsnHISAlaValLeuIySgIyAlaIySgIyAspGlyValTYrLeu 220

DB 780 TCAATATCATCCAGAACCAATGAGTGTGTAAGTTGGCCAAAGAGATGAGTCTGCTA 839

QY 221 ArgMetGlyAngIyAlaLeuHISGlyAspHISGInArgPheSerThrPheAlaGlyPhe 240

DB 840 AGAATGGGCAACGGTGCCTCCATGGGGAGCAACAGCGCTTCTTACCTTCGAGGCTTT 899

QY 241 LeuLeuPheGlyThrIyS 246

DB 900 CTGCTTTTGAACCTAAG 917

RESULT 7

US-09-312-283C-28

Sequence 28, Application US/09312283C

Patent No. 6573095

GENERAL INFORMATION:

APPLICANT: Watson, James D.

APPLICANT: Strachan, Lorna

APPLICANT: Sleeman, Matthew

APPLICANT: Onrust, Rene

APPLICANT: Murison, James G.

APPLICANT: Kumble, Krishanand D.

TITLE OF INVENTION: Compositions isolated from skin cells

TITLE OF INVENTION: and Methods for their use

FILE REFERENCE: 11000.1011c2

CURRENT APPLICATION NUMBER: US/09/312,283C

CURRENT FILING DATE: 1999-05-14

NUMBER OF SEQ ID NOS: 425

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 28

LENGTH: 1123

TYPE: DNA

ORGANISM: Mouse

US-09-312-283C-28

Alignment Scores:

Score:	1,41e-121	Length:	1123
Pred. No.:	1311.00	Matches:	236
Percent Similarity:	97.15%	Conservative:	3
Best Local Similarity:	95.93%	Mismatches:	7
Query Match:	95.90%	Indels:	0
DB:	4	Gaps:	0

US-10-036-041-2 (1-246) x US-09-312-283C-28 (1-1123)

QY 1 MetLeuTPaRgInLeuIeTYrTPGInLeuLeuAlaLeuPheLeuProPheCys 20

DB 180 ATGCTCAGAGGAGGAGCTGCTGCTGAGCACTGCTGCTTCTTCTCCATTTTGC 239

QY 21 LeuCySgInaSpGluTYrMetGluSerProGInThrGlyGlyLeuProProaPcySer 40

DB 240 CTGTGTAAGATGAATACATGAGCTCCACAACTGAGAGACCTGCCAGACTGCAGC 299

QY 41 LysCySgEhIsgIyAspTYrSerPheArgGlyTYrGInGlyProProGlyProProGly 60

DB 300 AAGGTTGCAATGAGATGATGATTCCTGCTTACCAAGGCGCCCTGAGCCCTCAGGT 359

QY 61 ProProGlyIleProGlyAenHISGlyAsnAngIyAsnAngIyAlaThrGlyHISGly 80

DB 360 CTTCTGCGCATTCAGAAACCAATGAAACAAATGAAATTAAGAGCCACTGGCCAGAA 419

QY 81 GlyAlaIySgIyGlyIySgIyAspIySgIyAspLeuGlyProArgGlyGlyIyGly 100

DB 420 GGGGCCAAGGCTGAGAAAGAGACAAAGCGAGCTGGGGCTCGAGGGGAAAGGGGGAG 479

QY 101 HisGlyProIySgIyGlyIySgIyTYrProGlyIleProProGlyLeuGInIleAlaPhe 120

DB 480 CATGGCCCCAAGATGAAGAGATACCCAGGGGTCCACAGAGCTGCAGATTGGCTTC 539

QY 121 MetIaSerLeuAlaThrHISpheSerAngIyAsnAngIyIleIlePheSerSerVal 140

DB 540 ATGGCTTCTTACGAGCTCACTTCAGCAATCAAGAACTGAGATTATTCAGCAAGT 599

QY 141 GluThraSniIegIyAsnPhePheAspValMetThrGlyArgPheGlyAlaProValSer 160

DB 600 GAGCAACAATTGGAACCTTCTGATGTCAATGATCTGATTTGGGGCCCGGTATCA 659

QY 161 GlyValTYrPhePheThrPheSerMetMetIyHISGlyAspValGlyGlyAlaTYrVal 180

DB 660 GGGGTGATTTCTTCACTTCAGATGATGAAGCATGAGAGCTGGAGAAAGTATGTG 719

QY 181 TyrLeuMetHISangIyAsnThrValPheSerMetTYrSerTYrGlyMetIySgIy 200

DB 720 TACCTTATGCAATGATTAACGAGTGTTCAGCATGATGATGATGAAACAAAGGAAA 779

QY 201 SerAspThrSerSerAsnHISAlaValLeuIySgIyAlaIySgIyAspGlyValTYrLeu 220

DB 780 TCAATATCATCCAGAACCAATGAGTGTGTAAGTTGGCCAAAGAGATGAGTCTGCTA 839

QY 221 ArgMetGlyAngIyAlaLeuHISGlyAspHISGInArgPheSerThrPheAlaGlyPhe 240

DB 840 AGAATGGGCAACGGTGCCTCCATGGGGAGCAACAGCGCTTCTTACCTTCGAGGCTTT 899

QY 241 LeuLeuPheGlyThrIyS 246

DB 900 CTGCTTTTGAACCTAAG 917

RESULT 8

US-09-312-283C-203

Sequence 203, Application US/09312283C

Patent No. 6573095

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Db      846 GGCAACGGTGCCTCCATGAGGACCAACAGCGCTTCTCACTTCGACAGCTTTCTGCTT 905
Qy      243 Pheglutrllys 246
Db      906 TTGAAACTAAG 917

RESULT 2
US-09-188-930-203
Sequence 203, Application US/09188930A
GENERAL INFORMATION:
PATENT No. 6150502
APPLICANT: Watson, James D.
APPLICANT: Strachan, Lorna
APPLICANT: Sleeman, Matthew
APPLICANT: Onrust, Rene
APPLICANT: Murison, James Greg
TITLE OF INVENTION: Compositions Isolated From Skin Cells
FILE REFERENCE: 11000.1011c1
CURRENT APPLICATION NUMBER: US/09/188,930A
CURRENT FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 348
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 203
LENGTH: 1123
TYPE: DNA
ORGANISM: Rat
US-09-188-930-203

Alignment Scores:
Pred. No.: 1,57e-75 Length: 1123
Score: 1214.00 Matches: 219
Percent Similarity: 98.21% Conservative: 1
Best Local Similarity: 97.77% Mismatches: 4
Query Match: 97.98% Indels: 0
DB: 1 Gaps: 0

US-10-036-041-2 (1-246) x US-09-188-930-203 (1-1123)
Qy      23  GlnaapglutylrmeGluserProglntnrglyglyleupProproaspCyserlyscys 42
Db      246  CAAGATGATATACATGAGAGCTCCACAGCTGAGAGACTGCCCCACAGCTGACGCAAGTGT 305
Qy      43  CyshlsglyaspTyrserPhealrlytyrGlnglyProProglyProProglyProPro 62
Db      306  TCCCATGAGATTAATGATTCCTCGGTGTACCAAGGGCCCCCTGACCCCCAGCTCCTCCT 365
Qy      63  GlylleProgllyashnlsglyashnlsnglyashnlsnglyashnlsnglyashnlsngly 82
Db      366  GGCATTCACGAAACCAATGAAACCAATGAAATACGAGGCCACTGGCCACGACGAGGGGCC 425
Qy      83  LysgllyglulysgllyaspLysgllyaspLysgllyProarglyglulysgllyglnhlsgly 102
Db      426  AAGGTGAGAAAGGAGACAAAGGCCACTGGGGCTCCGAGGGGAAAGGGGGCAGCATGGC 485
Qy      103  ProlysglyglulysgllytyrProglylleProProglylleuGlnllealaphenecala 122
Db      486  CCAAGATAGTAAGAGGATACCCAGGGGTGCCACAGACTGCAATGCTGCTTCATGGCT 545
Qy      123  SerleuAlaThrHisPheSeranglnaenserGlyllellePheSerSerValGlnThr 142
Db      546  TCTTATGACACTCCTTCGACATCGAATCGAAGAGTGGATATATCTTCAGCAGTGTGAGACC 605
Qy      143  AsnileglyAsnPhesPheaspValmetThrGlyArgPheGlyAlaProValserGlyVal 162
Db      606  AACATTTGAAACTTCTTCATGTCATGATGATGATGATGATGATGATGATGATGATGATGAT 665
Qy      163  TyrPhePheThrPheSerMetCyslyshlsglyaspValglulysValtyrValtyrleu 182
Db      666  TATTTCTTCACCTTCAGCATGATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 725
Qy      183  MetHisasnGlyAsnThrValPheSerMetTyrSerTyrGlnMetCyslyshlslysSerAsp 202

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Db      726  ATGCACAAATGATTAACAGGTGTTCAGCATGTATGATGATGATGATGATGATGATGAT 785
Qy      203  ThiserSerashnlsalavalleylyleuAlalyshlsaspGlyValITPLeuArgMet 222
Db      786  ACATCCAGCAACCAATGAGTGTGATGATGATGATGATGATGATGATGATGATGATGATGAT 845
Qy      223  GlyasnGlyAlaLeuHlsghlyaspHlsghlyaspPheSerThrPhealrlyPheLeuLeu 242
Db      846  GGCAACGGTGCCTCCATGAGGACCAACAGCGCTTCTCACTTCGACAGCTTTCTGCTT 905
Qy      243  Pheglutrllys 246
Db      906  TTGAAACTAAG 917

RESULT 3
US-09-188-930-217
Sequence 217, Application US/09188930A
GENERAL INFORMATION:
PATENT No. 6150502
APPLICANT: Watson, James D.
APPLICANT: Strachan, Lorna
APPLICANT: Sleeman, Matthew
APPLICANT: Onrust, Rene
APPLICANT: Murison, James Greg
TITLE OF INVENTION: Compositions Isolated From Skin Cells
FILE REFERENCE: 11000.1011c1
CURRENT APPLICATION NUMBER: US/09/188,930A
CURRENT FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 348
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 217
LENGTH: 1107
TYPE: DNA
ORGANISM: Rat
US-09-188-930-217

Alignment Scores:
Pred. No.: 3.07e-16 Length: 1107
Score: 311.50 Matches: 77
Percent Similarity: 43.64% Conservative: 43
Best Local Similarity: 28.00% Mismatches: 78
Query Match: 25.14% Indels: 77
DB: 1 Gaps: 10

US-10-036-041-2 (1-246) x US-09-188-930-217 (1-1107)
Qy      39  CyserlyscysCyshlsglyasp-----TyrserPhealrlytyrGln 53
Db      198  TGTGCTTCCTCGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 257
Qy      54  -----GlyProProglyProProglyProPro 62
Db      258  AAGGTGTGCTCAACTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 317
Qy      63  GlylleProgllyashnlsghlyashnlsnglyashnlsnglyashnlsnglyashnlsngly 82
Db      318  GAGACACCAAGATCTCTGAGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 377
Qy      83  LysgllyglulysgllyaspLysgllyasp-----LeuGlyProArg 91
Db      378  GACGGCCAGAGAGACCCAGGGGACAGTGGAGAAAGGTCCACTGGGACGACAGAGC 437
Qy      92  -----LeuGlyProArg 95
Db      438  AACCGAAGAAACAAAGACCAAGAGGCAAGCTGGGCAATGGGAGAGCGGCTCTCGA 497
Qy      96  Glyglulys-----GlyGlnHlsGlyPro 103
Db      498  GACACCAAGGGGATCACTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 557
Qy      104  LysgllyglulysgllytyrProglyllePro-----ProGlnLeu 116

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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: February 24, 2005, 03:02:33 ; Search time 309 Seconds
(without alignments)
9065.714 Million cell updates/sec

Title: US-10-036-041-1

Sequence: 1 ggcatctgccgagagacc.....ttgttaagataaaaaaa 1712

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 2405568

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Minimum DB seq length: 0
Maximum DB seq length: 2000000000
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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1: Issued Patents NA: *
2: /cgn2.6/prodata/1/lna/5A.COMB.seq: *
3: /cgn2.6/prodata/1/lna/5B.COMB.seq: *
4: /cgn2.6/prodata/1/lna/6A.COMB.seq: *
5: /cgn2.6/prodata/1/lna/6B.COMB.seq: *
6: /cgn2.6/prodata/1/lna/PCUTS.COMB.seq: *
7: /cgn2.6/prodata/1/lna/bactflies.seq: *
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1	1696	99.1	1696	4	US-09-552-225A-1	Sequence 1, Appl1
2	1696	99.1	1696	4	US-10-012-605C-3	Sequence 3, Appl1
3	696.2	40.7	1123	3	US-09-188-930-28	Sequence 28, Appl
4	696.2	40.7	1123	3	US-09-188-930-203	Sequence 203, Appl
5	696.2	40.7	1123	4	US-09-312-283C-28	Sequence 28, Appl
6	696.2	40.7	1123	4	US-09-312-283C-203	Sequence 203, Appl
7	695.8	40.6	1117	4	US-09-552-225A-11	Sequence 11, Appl
8	656	38.3	957	4	US-10-012-605C-1	Sequence 1, Appl
9	544.2	31.8	738	4	US-09-552-225A-10	Sequence 10, Appl
10	481	28.1	957	4	US-10-012-605C-7	Sequence 7, Appl
11	477.6	27.9	494	4	US-09-621-976-1120	Sequence 1120, Appl
12	452	26.4	471	4	US-09-513-999C-2872	Sequence 2872, Appl
13	168	9.8	436	4	US-10-012-605C-5	Sequence 5, Appl1
14	78.8	4.6	3275	3	US-09-370-838-151	Sequence 151, Appl
15	78.8	4.6	3275	4	US-09-854-133-151	Sequence 151, Appl
16	74.6	4.4	1313	2	US-08-463-911-6	Sequence 6, Appl1
17	74.6	4.4	4517	4	US-09-140-804-9	Sequence 9, Appl1
18	74.6	4.4	4517	4	US-09-686-838B-9	Sequence 9, Appl1
19	74.6	4.4	4517	4	US-09-776-976-5	Sequence 5, Appl1
20	74.6	4.4	4517	4	US-09-909-547-5	Sequence 5, Appl1
21	74.6	4.4	4545	4	US-09-559-552B-5	Sequence 5, Appl1
22	72.8	4.3	1868	1	US-08-352-367B-1	Sequence 1, Appl1
23	72.8	4.3	1868	3	US-08-893-467A-1	Sequence 1, Appl1
24	70.4	4.1	1276	2	US-08-463-911-1	Sequence 1, Appl1
25	70.4	4.1	1276	4	US-09-776-976-3	Sequence 3, Appl1
26	70.4	4.1	1276	4	US-09-909-547-3	Sequence 3, Appl1
27	69	4.0	855	4	US-09-552-204A-10	Sequence 10, Appl

ALIGNMENTS

28	68	4.0	1223	4	US-09-023-655-813	Sequence 813, Appl
29	68	4.0	1560	2	US-08-794-795-5	Sequence 5, Appl
30	68	4.0	1560	3	US-09-249-200-5	Sequence 5, Appl
31	66.6	3.9	2070	4	US-09-949-016-5-405	Sequence 5405, Appl
32	66.4	3.9	1703	2	US-08-794-795-1	Sequence 1, Appl
33	66.4	3.9	1703	3	US-09-249-200-1	Sequence 1, Appl
34	66.4	3.9	1703	3	US-09-776-976-1	Sequence 1, Appl
35	65.8	3.8	1152	4	US-09-909-547-1	Sequence 1, Appl
36	65.8	3.7	1805	4	US-09-799-451-534	Sequence 534, Appl
37	63.8	3.7	1854	4	US-09-799-451-535	Sequence 535, Appl
38	63.6	3.7	729	3	US-09-140-804-10	Sequence 10, Appl
39	63.6	3.7	729	4	US-09-686-838B-10	Sequence 10, Appl
40	63.4	3.7	1161	4	US-09-553-204A-1	Sequence 1, Appl
41	61.8	3.6	750	3	US-09-188-930-19	Sequence 19, Appl
42	61.8	3.6	750	4	US-09-312-283C-19	Sequence 19, Appl
43	61.8	3.6	946	4	US-09-946-016-7746	Sequence 4746, Appl
44	61.8	3.6	997	4	US-09-806-729-14	Sequence 14, Appl
45	61.8	3.6	1052	4	US-09-312-283C-358	Sequence 358, Appl

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RESULT 1
US-09-552-225A-1
Sequence 1, Application US/09552225A
Patent No. 652123
GENERAL INFORMATION:
APPLICANT: Piddington, Christopher S.
APPLICANT: Bishop, Paul
TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACRP3
FILE REFERENCE: 99-09
CURRENT APPLICATION NUMBER: US/09/552,225A
CURRENT FILING DATE: 2000-04-19
PRIOR APPLICATION NUMBER: 60/130,199
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 20
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 1
LENGTH: 1696
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (69)...(806)
US-09-552-225A-1

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	Query Match	Similarity	99.1%	Score 1696;	DB 4;	Length 1696;
	Best Local	Similarity	100.0%;	Pred. No. 0;		
	Matches 1696;	Conservative	0;	Mismatches	0;	Indels
						Gaps
						0;
QY	9	CCCGAGGAGACCA	CGCTCTCTGGAGCTCTGCTGTCTTCTCAGAGGAGACTCTGAGGCTCTGT	68		
Db	1	CCCGAGGAGACCA	CGCTCTCTGGAGCTCTGCTGTCTTCTCAGAGGAGACTCTGAGGCTCTGT	60		
QY	69	TGGAATCAACAGCTTTGGAGGAGAGTCAATCTATTGGCAACCTGCTGCTTGTCTTCTCC	128			
Db	61	TGGAATCAACAGCTTTGGAGGAGAGTCAATCTATTGGCAACCTGCTGCTTGTCTTCTCC	120			
QY	129	CTTTTTCCTGTGTCAAGATGAAATACATGTGAGTCTCACAACACGGAGAGCTACCCCCAG	188			
Db	121	CTTTTTCCTGTGTCAAGATGAAATACATGTGAGTCTCACAACACGGAGAGCTACCCCCAG	180			
QY	189	ACTGCACTAAGTGTGTCATGTGAGACTACACGCTTTTCAGAGCTACCAAGCCCCCTCTGGGC	248			
Db	181	ACTGCACTAAGTGTGTCATGTGAGACTACACGCTTTTCAGAGCTACCAAGCCCCCTCTGGGC	240			
QY	249	CACCGGCGCCTCTCTGGCATTCACAGAAACCATGTGAAACAATGTGCAACATGTGAGCCACTG	308			
Db	241	CACCGGCGCCTCTCTGGCATTCACAGAAACCATGTGAAACAATGTGCAACATGTGAGCCACTG	300			
QY	309	GTCATGAAGAGCCAAAGGTGAGAAAGGCGCAACAAGGTGACCTTGGGGCTCTGAGGGGAGGC	368			


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QY 393 AGAAGGGCTACCCGGGGATTCCACGAGACTTCAGATTCATTCATGCTTCGGCAA 452
| | | | |
Db 496 ABAAGGGAATACCCAGGGGGTCCACGAGACTGCAATTCGCTTCATGCTTCAGCA 555
QY 453 CCACTTCAGCAATCGAAGCAGTGGATTATCTTCAGCAGTGTGAGCAACATTTGAA 512
| | | | |
Db 556 CTCACCTTCAGCAATCGAAGCAGTGGATTATCTTCAGCAGTGTGAGCAACATTTGAA 615
QY 513 ACTTCCTTGAATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 572
| | | | |
Db 616 ACTTCCTTGAATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 675
QY 573 CTTTCAGCATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 632
| | | | |
Db 676 CTTTCAGCATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 735
QY 633 GCAACACAGTCTTCAGCATGATGATGATGATGATGATGATGATGATGATGAT 692
| | | | |
Db 736 GTPAACACGAGTCTTCAGCATGATGATGATGATGATGATGATGATGATGATGAT 795
QY 693 ATCAGTCTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 752
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Db 796 ACCATGCAATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 855
QY 753 CTCTCCATGAGGACCAACCAAGCTTCCTCAGCTTCCTGCTCTTTGAACTA 812
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Db 856 CCTTCATGAGGACCAACCAAGCTTCCTCAGCTTCCTGCTCTTTGAACTA 915
QY 813 AGTAATATATATATATATATATATATATATATATATATATATATATATATAT 871
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Db 916 AGTATATGAGGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 975
QY 872 TTAAGATCTGAGGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 931
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Db 976 TTAAGATCTGAGGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1034
QY 932 GTTGCATGTTGTTCAACGCTACAGGTAACCAATATGTTGACAATTCAGGGCTCAGA 991
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QY 992 AGAATCAACCAAAATAGTCTTCTCAGA 1020
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Db 1095 AGAATAGACCAAGTAATATTCACAGA 1123

RESULT 4
US-09-188-930-203
; Sequence 203, Application US/09188930A
; Patent No. 6150502
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murison, James Greg
; TITLE OF INVENTION: Compositions Isolated From Skin Cells
; FILE REFERENCE: 11000.1011c1
; CURRENT APPLICATION NUMBER: US/09/188,930A
; NUMBER OF SEQ ID NOS: 348
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 203
; LENGTH: 1123
; TYPE: DNA
; ORGANISM: Rat
US-09-188-930-203

Query Match 40.7%; Score 696.2; DB 3; Length 1123;
Best Local Similarity 82.8%; Pred. No. 4,4e-201;
Matches 819; Conservative 0; Mismatches 168; Indels 2; Gaps 2;
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QY 33 CTCTGCTCTTCTCAGGAGACTCTGAGGCTCTGTTGAGATCATCTTGTGAGGCGAGC 92
| | | | |
Db 136 CCAATCAGCTTCTCCCGGGGATTTCTGCCATTTGTACAGAGCATGCTCAGAGGCGAGC 195
QY 93 TCATCTATTTGCAATCTGCTGCTTTTCTTCTCTCTTTTCTGCTGCTGCTGCTGCT 152
| | | | |
Db 196 TCTGCTGCTGCTGCTGCTGCTTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 255
QY 153 ACATGAGCTCTCCAAACCGGAGGACATACCCCAAGATGAGATGAGTGTCTATGAG 212
| | | | |
Db 256 ACATGAGCTCTCCAAACCGGAGGACATACCCCAAGATGAGATGAGTGTCTATGAG 315
QY 213 ACTACAGCTTTGAGGCTTACCAAGGCTTCTGAGGCTTCTGAGGCTTCTGAGGCTTCT 272
| | | | |
Db 316 ACTACAGCTTTGAGGCTTACCAAGGCTTCTGAGGCTTCTGAGGCTTCTGAGGCTTCT 375
QY 273 GAACCATGAGAAACATGAGCAATGAGGCTGCTGATGAGAGGCAAGGTTGAG 332
| | | | |
Db 376 GAACCATGAGAAACATGAGCAATGAGGCTGCTGATGAGAGGCAAGGTTGAG 435
QY 333 AGGCGCAAAAGGCTGACCTGAGGCTCTGAGGAGGCGGGGCAAGATGAGGCGCAAGAG 392
| | | | |
Db 436 AAGGAGCAAAAGGCTGACCTGAGGCTCTGAGGAGGAGCGGGGCAAGATGAGGCGCAAGAG 495
QY 393 AGAAGGCTTACCCGGGATTCACCAAGATTCAGATTCATTCATGCTTCTCTGAGCA 452
| | | | |
Db 496 AGAAGGATATCCAGGGGTGCAACAGAGCTGAGATTTGCTTCATGCTTCTCTGAGCA 555
QY 453 CCACTTCAGCAATCAGAAAGTGGGATTAATCTTCAGAGTGTGAGCAACATTTGAA 512
| | | | |
Db 556 CTCACTTCAGCAATCAGAAAGTGGGATTAATCTTCAGAGTGTGAGCAACATTTGAA 615
QY 513 ACTTCCTTGAATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 572
| | | | |
Db 616 ACTTCCTTGAATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 675
QY 573 CTTTCAGCATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 632
| | | | |
Db 676 CTTTCAGCATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 735
QY 633 GCAACACAGTCTTCAGCATGATGATGATGATGATGATGATGATGATGATGAT 692
| | | | |
Db 736 GTPAACACGAGTCTTCAGCATGATGATGATGATGATGATGATGATGATGATGAT 795
QY 693 ATCAGTCTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 752
| | | | |
Db 796 ACCATGCAATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 855
QY 753 CTCTCCATGAGGACCAACCAAGCTTCCTCAGCTTCCTGCTCTTTGAACTA 812
| | | | |
Db 856 CCTTCATGAGGACCAACCAAGCTTCCTCAGCTTCCTGCTCTTTGAACTA 915
QY 813 AGTAATATATATATATATATATATATATATATATATATATATATATATATAT 871
| | | | |
Db 916 AGTATATGAGGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 975
QY 872 TTAAGATCTGAGGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 931
| | | | |
Db 976 TTAAGATCTGAGGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1034
QY 932 GTTGCATGTTGTTCAACGCTACAGGTAACCAATATGTTGACAATTCAGGGCTCAGA 991
| | | | |
Db 1035 GTTGCATGTTGTTCAACGCTACAGGTAACCAATATGTTGACAATTCAGGGCTCAGA 1094
QY 992 AGAATCAACCAAAATAGTCTTCTCAGA 1020
| | | | |
Db 1095 AGAATAGACCAAGTAATATTCACAGA 1123
```

```
RESULT 5
US-09-312-283C-28
; Sequence 28, Application US/09312283C
; Patent No. 6573095
```



```

; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murison, James G.
; APPLICANT: Kumble, Krishnand D.
; TITLE OF INVENTION: Compositions Isolated from Skin Cells
; FILE REFERENCE: 11000.1011c2
; CURRENT APPLICATION NUMBER: US/09/312,283C
; NUMBER OF SEQ ID NOS: 425
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 28
; LENGTH: 1123
; TYPE: DNA
; ORGANISM: Mouse
US-09-312-283C-28

```

```

Query Match      40.7%; Score 696.2; DB 4; Length 1123;
Best Local Similarity 82.8%; Pred. No. 4.4e-201;
Matches 819; Conservative 0; Mismatches 168; Indels 2; Gaps 2;

```

```

QY 33 CTCGCTGCTCTCTCAGGAGAGCTGAGGCTCTGTGAGAAATCAGCTTTGGAGGAGC 92
DB 136 CCCATAGCTTCCCGGGAGATTCTGCGATTTGTACAGCCATGCTCAGAGAGGAGC 195
QY 93 TCATCTATTGGCAACTGCTGGCTTTGTTTCTCCCTTTTGCCTGTGCTGCAAGATGAAT 152
DB 196 TCGTCTGCTGGCACTGCTGGCTTTGTTTCTCCCATTTTGTCTGTGCAAGATGAAT 255
QY 153 ACATGAGTCTCCACAAACCGAGAGACTACCCCAAGCTGAGTAACTGTTGTCATGAG 212
DB 256 ACATGAGTCTCCACAAAGCTGAGAGAGCTGCCCAAGCTGAGTAACTGTTGTCATGAG 315
QY 213 ACTACGCTTTGAGGCTTCCAGGCTCCCTGGGCAACCGGCTCTCTGGCATTCAG 272
DB 316 ATTATGATTCCTGTGTACAAAGGCTCCCTGAGCTCCAGGCTCTCTGGCATTCAG 375
QY 273 GAAACCATGGAACCAATGAGCAATGAGCCACTGCTGTCATGAGAGAGCAAAAGTGAG 332
DB 376 GAAACCATGGAACCAATGAGCAATGAGCCACTGCTGTCATGAGAGAGCAAAAGTGAG 435
QY 333 AGGCGCAAAAGGTGACTTGGGCTCTGAGGGAGCGGGGGCAAGTGGCCCAAAAGAG 392
DB 436 AAGGAGACAAAGGCTGAGGGCTCTGAGGGAGCGGGGGCAAGTGGCCCAAAAGAG 495
QY 393 AGAAGGCTAACCCGGGGATTCCACAGAACTTCAAGATTGATTCATGAGCTTCTTGCA 452
DB 496 AGAAGGATTAACCCGGGGATCCACAGAGCTGCAAGTGGCTTCTCTGAGCTTCTTGCA 555
QY 453 CCCACTTACAGCAATGAGCAAGTGGGATTATCTTACAGCACTGTTGAGACCAATGGAA 512
DB 556 CTCACCTTACAGCAATGAGCAAGTGGGATTATCTTACAGCACTGTTGAGACCAATGGAA 615
QY 513 ACTTCTTGAATGTCATGACTGTAGATTGGGGCCCCAGATATCAGGTGTGATTCTTCA 572
DB 616 ACTTCTTGAATGTCATGACTGTAGATTGGGGCCCCAGATATCAGGTGTGATTCTTCA 675
QY 573 CCTTACAGCAATGAGCAATGAGATGTTGAGAGATGTTGTTGTTACTTATGACAAATG 632
DB 676 CCTTACAGCAATGAGCAATGAGATGTTGAGAGATGTTGTTGTTACTTATGACAAATG 735
QY 633 GCAACACAGTCTTACAGCTATGAGTAAATGAGGCAATGAGATACATCCAGCA 692
DB 736 GTRACACAGTCTTACAGCTATGAGTAAATGAGGCAATGAGATACATCCAGCA 795
QY 693 ATATGCTGTGCTGAGGCTTACGCAAAAGGGAGTGAAGTTTGGCTGCGAATGGCAATGGC 752
DB 796 ACCATGACAGTCTGAGGTTGGCAAAAGGAGATGAAGTCTGCTTAAGATGGGCAAGGGT 855
QY 753 CTCCTCATGGGAGCAACAAAGCTTCTCACTTTCAGAGATTCTGCTCTTTGAAACTA 812

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DB 856 CCTCCATGGGAGCCACAGCGCTTCTTACTTCCAGGCTTCTGCTTTTGAACTA 915
QY 813 AGTAATATATATGACTAAGTAAGTCCACTTTGGGAGAGACTTGTAGCTGAGCT-GATTGG 871
DB 916 AGTATGAGGAGAGTCAAGTATGATCTCATGCTTAAGGGCGAATTTGTAGGTAGCTAGGGTTG 975
QY 872 TTACGATCTGAGGAGCAATTAAGTGTAGGCTTTTACATGCTGTATTCAAAAATTAATTG 931
DB 976 TTAGGATCTGAGGGGCTGTGAGATTG-GGCTTCTTAAGAGATTAATTAACTGTTAACATTG 1034
QY 932 GTTGCAATGTTGTTCAAGCTGACAGTACCAATATATGTTGACAAATTCAGGGGCTCAGA 991
DB 1035 GTACACTGCTACTACTTCTTATGAGCAATACCAATTAATGTTGATCTTTAAGGGCTAAGA 1094
QY 992 AGAATCAACCAAAATAGCTTCTCAGA 1020
DB 1095 AGAATGACCAAGGTAATATTCACAGA 1123

```

```

RESULT 6
US-09-312-283C-203
; Sequence 203, Application US/09312283C
; Patent No. 6573095

```

```

; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murison, James G.
; APPLICANT: Kumble, Krishnand D.
; TITLE OF INVENTION: Compositions Isolated from Skin Cells
; FILE REFERENCE: 11000.1011c2
; CURRENT APPLICATION NUMBER: US/09/312,283C
; NUMBER OF SEQ ID NOS: 425
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 203
; LENGTH: 1123
; TYPE: DNA
; ORGANISM: Mouse
US-09-312-283C-203

```

```

Query Match      40.7%; Score 696.2; DB 4; Length 1123;
Best Local Similarity 82.8%; Pred. No. 4.4e-201;
Matches 819; Conservative 0; Mismatches 168; Indels 2; Gaps 2;

```

```

QY 33 CTCGCTGCTCTCTCAGGAGAGCTGAGGCTCTGTGAGAAATCAGCTTTGGAGGAGC 92
DB 136 CCCATAGCTTCCCGGGAGATTCTGCGATTTGTACAGCCATGCTCAGAGAGGAGC 195
QY 93 TCATCTATTGGCAACTGCTGGCTTTGTTTCTCCCTTTTGCCTGTGCTGCAAGATGAAT 152
DB 196 TCGTCTGCTGGCACTGCTGGCTTTGTTTCTCCCATTTTGTCTGTGCAAGATGAAT 255
QY 153 ACATGAGTCTCCACAAACCGAGAGACTACCCCAAGCTGAGTAACTGTTGTCATGAG 212
DB 256 ACATGAGTCTCCACAAAGCTGAGAGAGCTGCCCAAGCTGAGTAACTGTTGTCATGAG 315
QY 213 ACTACGCTTTGAGGCTTCCAGGCTCCCTGGGCAACCGGCTCTCTGGCATTCAG 272
DB 316 ATTATGATTCCTGTGTACAAAGGCTCCCTGAGACCCCAAGTCTCTCTGGCATTCAG 375
QY 273 GAAACCATGGAACCAATGAGCAATGAGCCACTGCTGTCATGAGAGAGCAAAAGTGAG 332
DB 376 GAAACCATGGAACCAATGAGCAATGAGCCACTGCTGTCATGAGAGAGCAAAAGTGAG 435
QY 333 AGGCGCAAAAGGTGACTTGGGCTCTGAGGGAGCGGGGGCAAGTGGCCCAAAAGAG 392
DB 436 AAGGAGACAAAGGCTGAGGGCTCTGAGGGAGCGGGGGCAAGTGGCCCAAAAGAG 495
QY 393 AGAAGGCTAACCCGGGGATTCCACAGAACTTCAAGATTGATTCATGAGCTTCTTGCA 452

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Db      496 AGAAGGATACCCAGGGGGTGCACAGAGCTGCAGATTGCGTTCAATGGCTTCTAGCGA 555
Qy      453 CCCACTTCAGCAATAGAAACAGTGGGATTATCTTACAGAGCTGTGAGACCAATCTGAA 512
Db      556 CTCACCTTCAGCAATAGAAACAGTGGGATTATCTTACAGAGCTGTGAGACCAATCTGAA 615
Qy      513 ACTTCTTGATGTCATGACTGGTAGATTGAGGGCCCAAGTATCAGGTGTGATTTCTTCA 572
Db      616 ACTTCTTGATGTCATGACTGGTAGATTGAGGGCCCAAGTATCAGGTGTGATTTCTTCA 675
Qy      573 CTTTACAGCATGATGAAAGCATGAGATGTTGAGAAAGTGTATGTATCTTATGCAATG 632
Db      676 CTTTACAGCATGATGAAAGCATGAGATGTTGAGAAAGTGTATGTATCTTATGCAATG 735
Qy      633 GCAACAGCTCTTCAGCATGTAAGCTATGAAATGAAAGGCAATCAGATACATCCAGCA 692
Db      736 GTTAAACGGGTGTTACAGCATGTAAGCTATGAAATGAAAGGCAATCAGATACATCCAGCA 795
Qy      693 ATCATGCTGTGCTGAAGCTAGCCAAAGGGATGAGGTTGGCTGCAATGGCAATGGCG 752
Db      796 ACCATGCAAGTGTGAAGTTGGCCAAAGGATGAAAGTGTGGCTAAGAAATGGCAATGGCG 855
Qy      753 CTCTCCATGAGGACCAACCAAGCTTCTCAGCTTTGCAAGATTCTCTCTTTGAACTA 812
Db      856 CCTCCATGAGGACCAACCAAGCTTCTCAGCTTTGCAAGATTCTCTCTTTGAACTA 915
Qy      813 AGTAATATATGATAGAAATAGCTCCACTTTGGGAAAGCTGTAGCTAGCT -GATTTG 871
Db      916 AGTGTATGAGAAAGTCAAGATAGCTTCAAGCTTAAAGGCGATTGTAGTATGCTTACGGTTG 975
Qy      872 TTACAGATGAGAAACATTAAAGTTGAGGGTTTTCATTTCTGTATTCAAAAATTAATG 931
Db      976 TTAGATCTGAGAGGGGAGTTGGAGTTG -GGCTTCTGTATGAGATTAATTAATGTTACATTG 1034
Qy      932 GTTGAATGTTGTTCACGCTTACAGTACACCAATATGTTGCAATTCAGGGGCTCAGA 991
Db      1035 GTCAACACTGCTACTATTTCTAATGCAATACCAATTAATGTTGATCTTTAGGGGCTAGGA 1094
Qy      992 AGAATCAACCAAAATAGTCTTCTCAGA 1020
Db      1095 AGAATCAACCAAGTAAATATTTCCAGA 1123

RESULT 7
US-09-552-225A-11
; Sequence 11, Application US/09552225A
; Patent No. 6521233
; GENERAL INFORMATION:
; APPLICANT: Bishop, Paul
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACRP3
; FILE REFERENCE: 99-09
; CURRENT APPLICATION NUMBER: US/09/552,225A
; CURRENT FILING DATE: 2000-04-19
; PRIOR APPLICATION NUMBER: 60/130,199
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 1117
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (111)...(848)
US-09-552-225A-11

Query Match      40.6%; Score 695.8; DB 4; Length 1117;
Best Local Similarity 85.5%; Pred. No. 5.8e-201;
Matches 786; Conservative 0; Mismatches 132; Indels 1; Gaps 1;
Qy      72 GAATCATGCTTTGAGGAGCTCATCTATTTGCAACTGCTGCTTTGTTTCTCCCTT 131

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Db      106 GAGCATCTCGGAGGAGCGAGCATCTGTGGCACCTGTGCTGCTTTGTTCTCCCAT 165
Qy      132 TTGGCTGTGTCAAGATGAATATACATGAGTCTCCACAAACGGAGGACTACCCAGACT 191
Db      166 TTGGCTGTGTCAAGATGAATATACATGAGTCTCCACAAACGGAGGACTACCCAGACT 225
Qy      192 GCAGTAAGTGTGTGTCATGAGACTACAGCTTTGAGGCTTACCAAGGCCCTCGGGGAC 251
Db      226 GCAGTAAGTGTGTGTCATGAGACTACAGCTTTGAGGCTTACCAAGGCCCTCGGGGAC 285
Qy      252 CGGGCTCTCTGGCATTCAGAGAAACATGSAACATGSCAACATGAGCCATGCTC 311
Db      286 CAGGTCTCTCTGGCATTCAGAGAAACATGSAACATGAGCCATGAGCTACCTGCGC 345
Qy      312 ATGAAGGAGCCAAAGGTGAGAAAGGCGCAAGAGGTGACTGAGGGGCTGAGGGGAGCGG 371
Db      346 ATGAAGGAGCCAAAGGTGAGAAAGGCGCAAGAGGTGACTGAGGGGCTGAGGGGAGCGG 405
Qy      372 GGCAGCATGGCCCAAGAGAGAGAGAGGAGGCTACCGGGGATTCACACAGAACTTCAGATTG 431
Db      406 GGCAGCATGGCCCAAGAGAGAGAGAGGAGGCTACCGGGGATTCACACAGAACTTCAGATTG 465
Qy      432 CATTATGCTTCTCTGCGAACCCACTTCAGCAATCAGAAAGTGGATTAATCTTACGA 491
Db      466 CATTATGCTTCTCTGCGAACCCACTTCAGCAATCAGAAAGTGGATTAATCTTACGA 525
Qy      492 GTGTTGAGACCAACATTGAAACCTTTGATGTGATGATGATGATTTGGGGGCGCGAG 551
Db      526 GTGTTGAGACCAACATTGAAACCTTTGATGTGATGATGATGATTTGGGGGCGCGAG 585
Qy      552 TATCAGGTGTATTTCTTCACTTCAGCATGATGAGACATGAGGATGAGAGAGTGT 611
Db      586 TATCAGGTGTATTTCTTCACTTCAGCATGATGAGACATGAGGATGAGAGAGTGT 645
Qy      612 ATGTGTACTTATGCAACATGAGCAACACAGTCTTCAGATGTACAGCTATGAAATGAAAG 671
Db      646 ATGTGTACTTATGCAACATGAGCAACACAGTCTTCAGATGTACAGCTATGAAATGAAAG 705
Qy      672 GCAATTCAGATACATCCAGCAATCATGCTGTGAGAGCTGAGCCAAAGGGATGAGTGT 731
Db      706 GAAATTCAGATACATCCAGCAACATGATGCTGAGAGCTGAGCCAAAGGGATGAGTGT 765
Qy      732 GGCCTGCAATGGGCAATGGCGCTCTCCATGGGAGCAACCAAGCTTCTTCACTTTGGAG 791
Db      766 GGCCTGCAATGGGCAATGGCGCTCTCCATGGGAGCAACCAAGCTTCTTCACTTTGGAG 825
Qy      792 GATTCCTGCTCTTTGAAACCTAAGTAATATATGACTAGATAGCTCCACTTTGGGAGAG 851
Db      826 GATTCCTGCTCTTTGAAACCTAAGTAATATATGACTAGATAGCTCCACTTTGGGAGAG 885
Qy      852 CTGTAGCTGAGCT -GATTGTTACGATCTAGAGAACTTAAAGTTGAGGGTTTACATT 910
Db      886 TTATAGCTGAGCTAGGAGTTGTAGATATGAGATGTGAGAGTGGGGGTTCTTTATG 945
Qy      911 GCTGTATCAAAAATTAATGTTGCAATGTTGTTCACAGCTACAGGTACACCAATATAGT 970
Db      946 GAGCATTTAAGTGTGATGTGACACTGTGACTCATTTTAATGAGCATACCAATATAGT 1005
Qy      971 TGGACATTCAGGGGCTCA 989
Db      1006 TGGATCTTCAGGGGCTCA 1024

RESULT 8
US-10-012-605C-1
; Sequence 1, Application US/10012605C
; Patent No. 6692748
; GENERAL INFORMATION:
; APPLICANT: Haldeman, Betty A.
; APPLICANT: Thayer, Edward C.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN

```

```

1 TITLE OF INVENTION: ZACKP3X2
2
3 FILE REFERENCE: 00-111
4
5 CURRENT APPLICATION NUMBER: US/10/012,605C
6
7 CURRENT FILING DATE: 2002-08-14
8
9 PRIOR APPLICATION NUMBER: US 60/254,019
10
11 PRIOR FILING DATE: 2000-12-07
12
13 NUMBER OF SEQ ID NOS: 23
14
15 SOFTWARE: FastSeq for Windows Version 4.0
16
17 SEQ ID NO 1
18
19 LENGTH: 957
20
21 TYPE: DNA
22
23 ORGANISM: Homo sapiens
24
25 FEATURE:
26
27 NAME/KEY: CDS
28
29 LOCATION: (1)...(957)
30
31 US-10-012-605C-1

```

Query Match	38.3%;	Score 656;	DB 4;	Length 957;
Best Local Similarity	100.0%;	Pred. No. 6.8e-189;		
Matches 656; Conservative	0;	Mismatches	0;	Indels 0; Gaps 0

QY	159	AGTCCTCAAAACCGAGAGCTACCCCAAGCTGCAGTAAAGTTTCTCATGAGACATCA	218
Db	302	AGTCCTCAAAACCGAGAGCTACCCCAAGCTGCAGTAAAGTTTCTCATGAGACATCA	361
QY	219	GCTTTGAGGCTACCAAGGCCCCCTGGGCAACCGGGCCCTCTGGCATTCAGAAACC	278
Db	362	GCTTTGAGGCTACCAAGGCCCCCTGGGCAACCGGGCCCTCTGGCATTCAGAAACC	421
QY	279	ATGGAACAATGGCAACATTGAGCCATCTGATCTAAGAGAGCAAAAGGGAAGAGGCG	338
Db	422	ATGGAACAATGGCAACATTGAGCCATCTGATCTAAGAGAGCAAAAGGGAAGAGGCG	481
QY	339	ACAAAGTGACCTGGGGGCTCGAGGGGAGCGGGGGAGCATGGCCCCAAAGAGAGAGG	398
Db	482	ACAAAGTGACCTGGGGGCTCGAGGGGAGCGGGGGAGCATGGCCCCAAAGAGAGAGG	541
QY	399	GCTACCCGGGGATTCACACAGAACTTCAGATTGCATTATGGCTTCTCTGGCAACCACT	458
Db	542	GCTACCCGGGGATTCACACAGAACTTCAGATTGCATTATGGCTTCTCTGGCAACCACT	601
QY	459	TCAGCAATCAGAAAGTGGGATTTATCTTCAGCAGTGTGAGACCAATGGAACTTCT	518
Db	602	TCAGCAATCAGAAAGTGGGATTTATCTTCAGCAGTGTGAGACCAATGGAACTTCT	661
QY	519	TTGATGTCATGACTGTGATATTTGGGCCCCAGATACAGTGTGTAATTTCTTCACCTCA	578
Db	662	TTGATGTCATGACTGTGATATTTGGGCCCCAGATACAGTGTGTAATTTCTTCACCTCA	721
QY	579	GCATATGAGCATGAGATGGATTTGAGAGAGTGTATGTATCTTATGACAAATGGCAACA	638
Db	722	GCATATGAGCATGAGATGGATTTGAGAGAGTGTATGTATCTTATGACAAATGGCAACA	781
QY	639	CAGTCTTACGATGTACAGCTATGAAATGAAGGGCAAAATCAGATACATCCAGATCATG	698
Db	782	CAGTCTTACGATGTACAGCTATGAAATGAAGGGCAAAATCAGATACATCCAGATCATG	841
QY	699	CTGTGCTAAGCTTACCAAGGGGATGAGGATTTGGCTGCGAATGGGCAATGGGCTCTCC	758
Db	842	CTGTGCTAAGCTTACCAAGGGGATGAGGATTTGGCTGCGAATGGGCAATGGGCTCTCC	901
QY	759	ATGGGGACCAACCAAGGCTTCTCACTTTGACAGGATTTCTGCTCTTTGAAACTAAG	814
Db	902	ATGGGGACCAACCAAGGCTTCTCACTTTGACAGGATTTCTGCTCTTTGAAACTAAG	957

RESULT 9
US-09-552-225A-10
; Sequence 10, Application US/09552225A
; Patent No. 6521233
; GENERAL INFORMATION:
; APPLICANT: Piddington, Christopher S
; APPLICANT: Bishop, Paul

```

1 TITLE INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACR3
2
3 FILE REFERENCE: 99-09
4
5 CURRENT APPLICATION NUMBER: US/09/552,225A
6
7 CURRENT FILING DATE: 2000-04-19
8
9 PRIOR APPLICATION NUMBER: 60/130,199
10
11 PRIOR FILING DATE: 1999-04-20
12
13 NUMBER OF SEQ ID NOS: 20
14
15 SOFTWARE: FastSeq for Windows Version 3.0
16
17 SEQ ID NO 10
18
19 LENGTH: 738
20
21 TYPE: DNA
22
23 ORGANISM: Artificial Sequence
24
25 FEATURES:
26
27 OTHER INFORMATION: Degenerate nucleotide sequence encoding the
28
29 OTHER INFORMATION: polypeptide of SEQ ID NO:2
30
31 NAME/KEY: variation
32
33 LOCATION: (1)..(738)
34
35 OTHER INFORMATION: Each N is independently any nucleotide
36
37 US-09-552-225A-10

```

Query Match	31.8%;	Score 544.2;	DB 4;	Length 738;
Best Local Similarity	60.7%;	Pred. No. 6.3e-155;		
Matches 448;	Conservative 165;	Mismatches 125;	Indels 0;	Gaps 0;

Qy	7	ATCCTTGGAGGACAGCTCATCTATTTGGGAACTGCTGCTTTGTTTCTCCCTTTTTCG	138
Db	1	ATGTYTGGMGNCARTYNAHTHAATGGGARLTNTNGCNNTTLYTLYTNCCNTTYTG	60
Qy	137	CTGTCTCAAGATGATATCACTGGACGTCTCCACAAACCGAGGACTACCCCACTGCAGT	156
Db	61	YTYTGGCAAGAGARPAATATGAFRMSNCCNARCCNGNGGNTYTNCCNCGAATGYWSN	120
Qy	197	AAGTGTTCATGAGAGACTACAGCTTTCGAGGCTCCACAGGCCCCCTGGGCGCACCGGCG	256
Db	121	AATGTGTTCATGAGNATYTAATMSNTTWMGNGNTPYCARGNGCCNCCNGNCCNCGN	180
Qy	257	CCTCTGGCAATTCAGAGAAACATGAGAAACAATGGCAACAATGAGCCACTGTGATGAA	318
Db	181	CCNCCNGNATHCTCNGNNAAYCAYGNAAYAAVGNNAYAAVGGNGNCA CNGNCAVGAR	240
Qy	317	GGAGCCAAAGGTGAGAAAGGGCGACAAAGGTGACTCGAGGCGCTCGAGGGGAGCGGGGCGAG	376
Db	241	GGNGCNAAATGGNGARPARAGNGAYAAARGNGAYTNGNCCMNGNGNARMGNGNCAR	300
Qy	377	CATGGCCCAAAGAGAGAGAGGGCTACCCGGGGAATTCACACAGACTTCAGATGCAATTC	436
Db	301	CAYGNCNNAARGNANGARPARAGNTAYCCNGGNATHCCNCCNGARYTNCAATGSCNTTY	360
Qy	437	ATGGCTTCTCTGGCAACCACTTCAGCAATATGAAACAATGGGATATCTTCAGCAGGTT	496
Db	361	ATGGCNMSYNTGNCANCAATYTTWSNAAACARAAWYNSGNATHAHTTYYWSMSNGTN	420
Qy	497	GAGACCAACATTTGAAACTCTTTATATCTCATGACTGGTAAATTTGGGGCCCCAGTATCA	556
Db	421	GAAACNAATHTGNNAAATYTTTGYAYGTNATGACNGSNMNTTLYGGNGCNCNGTWSN	480
Qy	557	GGTGTGTATTTCTTCACTTCAGCAATGATGAAGCATGAGATGTTGAGAAAGTGTATGTG	618
Db	481	GGGNTATATYTTTACNTTWSNATGTATGARCAVYGRGAYGNTNGARGARGTWTATGYN	540
Qy	617	TACCTTATGACAAATGGCAACAAGCTTTCAGCATGTACAGCTATGAAATGAAGGCAAA	676
Db	541	TATYTNATGCAATGAGNAAAYCNGTNTTWSNATGTAYMSNTLYAGARATGAARGNAAR	600
Qy	677	TCAGATATCAATCCAGCAATCATCTGTGTGCTGAAGTACGCCAAAGGGAGTGAAGTTGCTG	738
Db	601	WSNGAAYACWMSWSNNAAYCAYGNCNTYTNARAYTNGNNAARGNGAYGARGTWTGYTN	660
Qy	737	CGAATGGGCAATGGCGCTCTCATGAGGAGCCACCAAGCTTCTCAACTTTGACAGATTC	796
Db	661	MGNATGGNAAATGNGCNTYNCAVGGNGAYCAACARMANTTWSNACNTTLYGCGNGTYY	720
Qy	797	CTGCTCTTTGAATAAG	814

Db 482 ATRTACTAGCA 493

RESULT 12

US-09-513-999C-2872
; Sequence 2872; Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclet, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 2872
; LENGTH: 471
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 158..469
; FEATURE:
; NAME/KEY: midc_feature
; LOCATION: 461
; OTHER INFORMATION: m=a or c
; NAME/KEY: UNSURE
; LOCATION: 102
; OTHER INFORMATION: Xaa=His or Asn
US-09-513-999C-2872

Query Match

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DB 12 GGCATCTGCCCGAGGAGACCAAGCTCTGAGAGCTGCTGTCTTCTCAAGGAACTCTGA 71
QY 61 GGGTCTGTGAAGATCATGCTTTGAGAGGAGCTCATCTATTGCAACTGCTGCTTTGTT 120
DB 72 GGCCTCTGTGAAGATCATGCTTTGAGAGGAGCTCATCTATTGCAACTGCTGCTTTGTT 131
QY 121 TTTCTCTCCCTTTTGGCTGTGTCAAGATGATCATGAGTCTCAAAACCGAGAGACT 180
DB 132 TTTCTCTCCCTTTTGGCTGTGTCAAGATGATCATGAGTCTCAAAACCGAGAGACT 191
QY 181 ACCCCCAAGCTGAGTAAGTGTGTATGAGACTACAGTTTTCAGAGGCTACCAAGGCC 240
DB 192 ACCCCCAAGCTGAGTAAGTGTGTATGAGACTACAGTTTTCAGAGGCTACCAAGGCC 251
QY 241 CCGTGGGACCAAGGAGGCTCTGAGCAATTCAGGAAACATGAAACATGAGCAATGAG 300
DB 252 CCGTGGGACCAAGGAGGCTCTGAGCAATTCAGGAAACATGAAACATGAGCAATGAG 311
QY 301 AGCCACTGTGTCATGAAGAGCCAAAGGTGAAAGGCGACAAAGGTGACCTGGGGCCTCG 360
DB 312 AGCCACTGTGTCATGAAGAGCCAAAGGTGAAAGGCGACAAAGGTGACCTGGGGCCTCG 371
QY 361 AGGGAGCGGGGCGACATGAGGCCCCAAAGGAGAGAGGGGTACCCGGGAGTTCCACAGA 420
DB 372 AGGGAGCGGGGCGACATGAGGCCCCAAAGGAGAGAGGGGTACCCGGGAGTTCCACAGA 431
QY 421 ACTTCAGATTCATTCATGAGCTTCTCTGCAACC 454
DB 432 ACTTCAGATTCATTCATGAGCTTCTCTGCAACC 465

RESULT 13

US-10-012-605C-5
; Sequence 5; Application US/10012605C
; Patent No. 6692748
; GENERAL INFORMATION:
; APPLICANT: Haldean, Betty A.
; APPLICANT: Thayer, Edward C.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN
; TITLE OF INVENTION: ZACR3X2
; FILE REFERENCE: 00-111
; CURRENT APPLICATION NUMBER: US/10/012,605C
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: US 60/254,019
; PRIOR FILING DATE: 2000-12-07
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 436
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)... (436)
US-10-012-605C-5

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QY 219 GCTTTGAGGCTTACCAAGGCCCCCTGGGCGCACCGGCCCCCTCTGTCATTCCAGAAAC 278
DB 329 GCTTTGAGGCTTACCAAGGCCCCCTGGGCGCACCGGCCCCCTCTGTCATTCCAGAAAC 388
QY 279 ATGGAACCAATGCAACATGAGGCACTGTGATGAAAGAGCCAAAG 326
DB 389 ATGGAACCAATGCAACATGAGGCACTGTGATGAAAGAGCCAAAG 436

RESULT 14

US-09-370-838-151
; Sequence 151; Application US/09370838
; Patent No. 6444425
; GENERAL INFORMATION:
; APPLICANT: Reed, Steven G.
; APPLICANT: Lodes, Michael J.
; APPLICANT: Mohamath, Roadoh
; APPLICANT: Secrist, Heather
; TITLE OF INVENTION: COMPOUNDS FOR THERAPY AND DIAGNOSIS OF
; TITLE OF INVENTION: LUNG CANCER AND METHODS FOR THEIR USE
; FILE REFERENCE: 210121.475C1
; CURRENT APPLICATION NUMBER: US/09/370,838
; CURRENT FILING DATE: 1999-08-09
; EARLIER APPLICATION NUMBER: US 09/265,323
; EARLIER FILING DATE: 1999-04-02
; NUMBER OF SEQ ID NOS: 289
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 151
; LENGTH: 3275
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-370-838-151

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Matches 173; Conservative 0; Mismatches 157; Indels 0; Gaps 0;

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Oy	539	TTTGGGGCCCCAGTATCAGGTGTGTATTTCTTCACCTTCAGACATGATGAACATGAGAT	598
Db	2505	TTTATATTCGCCAGTAAATAGGACCTTACCTTTTTCATATTCCTTAAACTGGCAGTG	2564
Oy	599	GTTGAGGAAGGTATGATGTACCTTATGTGACATGGCAACACAGTCTTCAGATGTACAGC	658
Db	2555	AATGTGCCACTGTATGTCACTTCACTGAAAGATGAAGAGCTCTTGATATCAGCTTATGCC	2624
Oy	659	TATGAAATGAAGGGCAATACAGATACATCCAGCAATCATGCTGTGCTGAACCTGACCAA	718
Db	2625	AATGATGTGTCTCCAGACACATGAACCTGTAGCAATCATGCAATCTTCACCTCTTCCAG	2684
Oy	719	GGGATGATAGATTGGCTGCGAATGGGCAATGGCGCTCCATGCGGGAACCAACAAGCTTC	778
Db	2665	GGAGACCAAGATATGTTACGTTCATGCTGCACAGGGAGCAATTATGAAAGTACGTGAAATAT	2744
Oy	779	TTCACCTTTGACAGATTCCTGCTCTTTGAA	808
Db	2745	TCATAGTTTTCAGGCTATCTCTTATCA	2774

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Job time : 316 secs

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RESULT 15
; Sequence 151, Application US/09854133
; Patent No. 6759508
; GENERAL INFORMATION:
; APPLICANT: Lodes, Michael J.
; APPLICANT: Mohamath, Radoch
; APPLICANT: Henderson, Robert A.
; APPLICANT: Benson, Darin R.
; APPLICANT: Secrist, Heather
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
; FILE REFERENCE: 210121.475C10
; CURRENT APPLICATION NUMBER: US/09/854,133
; CURRENT FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 735
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; TYPE: DNA
; ORGANISM: Homo sapien
US-09-854-133-151

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Qy	539	TTTGGGGCCCAATACAGTACGTGTGATTTCTTCA	CCCTTCAGACATGATGAACATGAGAT	598
Db	2505	TTTATATGCCAGTAAATGGCACTTACGTTTCA	TTCATTTTCAATGTCTTAAAGCTGGACGTG	2564
Qy	599	GTTGAGGAAGTATATGTACTTATATGACAAATGG	CAACAGCTTTAGCATGTACAGC	658
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Qy	659	TATGAAATGAAGGGCAATTCAGATACATCCAC	GCATCATGCTGTGCTGAACCTAGCCAA	718
Db	2625	AATGATGTGTCTCCAGACCATGAATCTGTGCA	ATATGCAATTTCTTCACTCTTTCAG	2684
Qy	719	GGGATGAGGTTTGGCTGTGGAATGGGCAATGG	CGCTCTTCATATGGGGAACCAACGCTTC	778
Db	2685	GGAGGCCGATATGTGTACGTGTGCACGGGGAG	CAATTTATGAAAGTATGCTGGAAATAT	2744
Qy	779	TCCACCTTTGGCAGATTCCTGCTCTTTTGA	808	

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OM nucleic - nucleic search, using sw model

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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4	1712	100.0	1712	14	US-10-035-855-1
5	1712	100.0	1712	14	US-10-036-214-1
6	1712	100.0	1712	14	US-10-035-718-1
7	1712	100.0	1712	14	US-10-036-160-1
8	1712	100.0	1712	14	US-10-035-958-1
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11	1712	100.0	1712	15	US-10-035-977-1

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13	1686	99.1	1686	15	US-10-012-605C-3	Sequence 3, Appli
14	1686	99.1	1686	16	US-10-321-164-1	Sequence 1, Appli
15	1696	99.1	1696	17	US-10-719-205-3	Sequence 1, Appli
16	1549.6	90.5	1620	14	US-10-091-458-21	Sequence 21, Appli
17	1549.6	90.5	1620	17	US-10-191-254-21	Sequence 21, Appli
18	1530.2	89.4	2182	10	US-09-918-6248-9	Sequence 9, Appli
19	1527	89.2	1927	17	US-10-169-385-59	Sequence 59, Appli
20	1363.2	79.6	1608	9	US-09-822-845A-359	Sequence 359, App
21	1138.2	66.5	1468	18	US-10-490-318-37	Sequence 37, Appli
22	838.4	49.0	842	17	US-10-236-392-67	Sequence 67, Appli
23	801	46.8	801	17	US-10-172-118-2619	Sequence 2619, Ap
24	801	46.8	801	17	US-10-342-887-2619	Sequence 2619, Ap
25	741	43.3	741	17	US-10-332-947-10	Sequence 10, Appli
26	696.2	40.7	1035	10	US-09-866-050A-424	Sequence 424, App
27	696.2	40.7	1035	14	US-10-152-661-424	Sequence 424, App
28	696.2	40.7	1123	10	US-09-866-050A-28	Sequence 28, Appli
29	696.2	40.7	1123	10	US-09-866-050A-203	Sequence 203, App
30	696.2	40.7	1123	14	US-10-152-661-28	Sequence 28, Appli
31	696.2	40.7	1123	14	US-10-152-661-203	Sequence 203, App
32	695.8	40.6	1117	16	US-10-321-164-11	Sequence 11, Appli
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34	659	38.5	960	17	US-10-332-947-9	Sequence 9, Appli
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36	656	38.3	957	17	US-10-719-205-1	Sequence 1, Appli
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38	488	28.5	500	17	US-10-242-535A-51929	Sequence 51929, A
39	488	28.5	500	17	US-10-085-783A-51929	Sequence 51929, A
40	481	28.1	957	15	US-10-012-605C-7	Sequence 7, Appli
41	481	28.1	957	17	US-10-719-205-7	Sequence 7, Appli
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44	445	26.0	468	17	US-10-242-535A-44279	Sequence 44279, A
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ALIGNMENTS

RESULT 1
US-09-931-836-1
; Sequence 1, Application US/09931836
; Publication No. US20030027249A1
; GENERAL INFORMATION:
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3030R1C1
; CURRENT FILING DATE: 1998-05-15
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/112514
; PRIOR FILING DATE: 1998-12-15
; PRIOR APPLICATION NUMBER: 60/113300
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/113430
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113605
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113621
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/114140
; PRIOR FILING DATE: 1998-12-23

PRIOR APPLICATION NUMBER: 60/115552
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/116843
PRIOR FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 60/125774
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/125778
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/125826
PRIOR FILING DATE: 1999-03-24
PRIOR APPLICATION NUMBER: 60/127035
PRIOR FILING DATE: 1999-03-31
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PRIOR APPLICATION NUMBER: 09/816744
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PRIOR APPLICATION NUMBER: 09/854208
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PRIOR FILING DATE: 2001-07-18
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PRIOR APPLICATION NUMBER: PCT/US99/28551
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PRIOR FILING DATE: 1999-12-22
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PRIOR FILING DATE: 2000-03-02
PRIOR APPLICATION NUMBER: PCT/US00/14042
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PRIOR APPLICATION NUMBER: PCT/US00/15264

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PRIOR APPLICATION NUMBER: PCT/US00/23522
PRIOR FILING DATE: 2000-08-23
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PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
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SEQ ID NO: 1
LENGTH: 1712
TYPE: DNA
ORGANISM: Homo Sapien
US-09-931-836-1

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Best Local Similarity 100.0%; Pred. No. 0;
Matches 1712; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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1441 ATGTTCCCGCAATGAGCTGAGCTGAGCTGAGCTGAGCTGAGCTGAGCTGAGCTTGG 1500
1501 AACCAATGCTAATTAATCTCATAGAGTACAGTGCATTAATTAATTAATTAATTAATTA 1560
1501 AACCAATGCTAATTAATCTCATAGAGTACAGTGCATTAATTAATTAATTAATTAATTA 1560
1561 TTGACCAAGGAGATTTATATCTGAGAGACATACATTAATTAATTAATTAATTAATTA 1620
1561 TTGACCAAGGAGATTTATATCTGAGAGACATACATTAATTAATTAATTAATTAATTA 1620
1621 ATTTGACCTGCTTGAATTAATCTGAGAGACATTAATTAATTAATTAATTAATTAATTA 1680
1621 ATTTGACCTGCTTGAATTAATCTGAGAGACATTAATTAATTAATTAATTAATTAATTA 1680
1681 ATTAACACACCTTTGTTAAAGTAAAAA 1712
1681 ATTAACACACCTTTGTTAAAGTAAAAA 1712

RESULT 2
US-10-036-342-1
Sequence 1, Application US/10036342
Publication No. US20020090681A1
GENERAL INFORMATION:
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3030R1C5
CURRENT APPLICATION NUMBER: US/10/036,342
CURRENT FILING DATE: 2001-12-26
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/112514
PRIOR FILING DATE: 1998-12-15
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PRIOR FILING DATE: 1999-07-20
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PRIOR FILING DATE: 1999-08-03

PRIOR APPLICATION NUMBER: 60/162506
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PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 09/747259
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PRIOR FILING DATE: 2000-03-02
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PRIOR APPLICATION NUMBER: PCT/US00/15264
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: PCT/US00/23522
PRIOR FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: PCT/US00/23328
PRIOR FILING DATE: 2000-08-24
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: PCT/US00/34956
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: PCT/US01/06520
PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: PCT/US01/17800
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: PCT/US01/19692
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 1
LENGTH: 1712
TYPE: DNA
ORGANISM: Homo Sapien
US-10-036-342-1

Query Match 100.0%; Score 1712; DB 13; Length 1712;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1712; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGCATCTGCCGAGAGACGACGCTCTGAGACTGTCTGTCTTCTCAAGGAGACTTGA 60
DB 1 GGCATCTGCCGAGAGACGACGCTCTGAGACTGTCTGTCTTCTCAAGGAGACTTGA 60
QY 61 GGCCTGTGTAATCAATGCTTTTGAAGCAGTCAATTAATGGAACCTGCTGCTTTGTT 120
DB 61 GGCCTGTGTAATCAATGCTTTTGAAGCAGTCAATTAATGGAACCTGCTGCTTTGTT 120

QY 121 TTTCCTCCCTTTTGGCTGTGTCAAGATGAATATACATGAGTCTCCAAACCGAGAGACT 180
DB 121 TTTCCTCCCTTTTGGCTGTGTCAAGATGAATATACATGAGTCTCCAAACCGAGAGACT 180
QY 181 ACCCCAGACTGCAATGATGTGTCAATGAGACTACAGCTTTTGAAGCTTCCAGAGCCC 240
DB 181 ACCCCAGACTGCAATGATGTGTCAATGAGACTACAGCTTTTGAAGCTTCCAGAGCCC 240
QY 241 CCTGGGGCCACGGGGCCCTCTGGCATTCAGAGAAACATGAGAAACATGAGCAATATG 300
DB 241 CCTGGGGCCACGGGGCCCTCTGGCATTCAGAGAAACATGAGAAACATGAGCAATATG 300
QY 301 AGCCACTGTGATGAAGAGAGCCAAAGGTGAGAGAGGCGACAAAGGTGACTGAGGCGCTG 360
DB 301 AGCCACTGTGATGAAGAGAGCCAAAGGTGAGAGAGGCGACAAAGGTGACTGAGGCGCTG 360
QY 361 AGGGAGCGGGGGGCGCATGGCCCCCAAGAGAGAGAGGCTTACCCGGGGATTTCCACCGA 420
DB 361 AGGGAGCGGGGGGCGCATGGCCCCCAAGAGAGAGAGGCTTACCCGGGGATTTCCACCGA 420
QY 421 ACTTCAGATTGATTCATGAGCTTCTGGCAACCACTTCAGCAATCAGAAACAGTGGAT 480
DB 421 ACTTCAGATTGATTCATGAGCTTCTGGCAACCACTTCAGCAATCAGAAACAGTGGAT 480
QY 481 TATCTTCAGAGTGTGAGACCAATYGAACCTTTTGTATGTCACTGATGTAAT 540
DB 481 TATCTTCAGAGTGTGAGACCAATYGAACCTTTTGTATGTCACTGATGTAAT 540
QY 541 TGGGGCCCCAGTATCAGGTGTGTATTTCTTCACTTCAGCATGATGAAAGCATGAGAGT 600
DB 541 TGGGGCCCCAGTATCAGGTGTGTATTTCTTCACTTCAGCATGATGAAAGCATGAGAGT 600
QY 601 TGAGAGAGTATGATGATCTTATGACAAATGAGCAACAGTCTTCAGCATGATGAGT 660
DB 601 TGAGAGAGTATGATGATCTTATGACAAATGAGCAACAGTCTTCAGCATGATGAGT 660
QY 661 TGAATGAAGGCAATCAGATACATCCAGCAATGCTGTGTAAGCTAGCCAAAG 720
DB 661 TGAATGAAGGCAATCAGATACATCCAGCAATGCTGTGTAAGCTAGCCAAAG 720
QY 721 GGATGAGGTTTGGCTGCAATGAGCAATGGGCTCTCATGAGGACCAACGCTTCTC 780
DB 721 GGATGAGGTTTGGCTGCAATGAGCAATGGGCTCTCATGAGGACCAACGCTTCTC 780
QY 781 CACCTTTCAGAGATTCCTGCTCTTTGAACTAATGTAATATGATGATGATGCTCAG 840
DB 781 CACCTTTCAGAGATTCCTGCTCTTTGAACTAATGTAATATGATGATGATGCTCAG 840
QY 841 TTTGGGGAAGACTGTGAGCTGAGCTGATTTGTACGATCTAGGAACTTTAAAGTTGAGG 900
DB 841 TTTGGGGAAGACTGTGAGCTGAGCTGATTTGTACGATCTAGGAACTTTAAAGTTGAGG 900
QY 901 GTTTTACATGCTGTATCAAAAAATTATGTGGCAATGTTGTCACGCTACAGGTCA 960
DB 901 GTTTTACATGCTGTATCAAAAAATTATGTGGCAATGTTGTCACGCTACAGGTCA 960
QY 961 CCAATTAATGTGGAACAATTCAGGGGCTCAGAGAAATCAACCAAAATAGTCTTCTGAG 1020
DB 961 CCAATTAATGTGGAACAATTCAGGGGCTCAGAGAAATCAACCAAAATAGTCTTCTGAG 1020
QY 1021 TGACCTTGACTAATATACATGACATCTTATCACTCTTCTGGCACTTAAAGATAT 1080
DB 1021 TGACCTTGACTAATATACATGACATCTTATCACTCTTCTGGCACTTAAAGATAT 1080
QY 1081 TCTCTCTGACGAGGTGGAATATTTTCTATACAGAGTCAATTTGCAAGAAAT 1140
DB 1081 TCTCTCTGACGAGGTGGAATATTTTCTATACAGAGTCAATTTGCAAGAAAT 1140
QY 1141 TTGACTACTGCTTTTAATTAATTAATACAGTTTCAGGAACCCGTAAGTTTAAGTTCA 1200
DB 1141 TTGACTACTGCTTTTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1200
QY 1201 TTATTTCTTATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1260

Db 1201 TTAATCTTATACATTGAGCAATCGATGTAGATATACAGGGCTGGGGCAGAA 1260
Qy 1261 CAGGGGCACTAGCTGCTTATTAGTAATTTAGTGCCCTCGTGTCACTTACCTTTG 1320
Db 1261 CAGGGGCACTAGCTGCTTATTAGTAATTTAGTGCCCTCGTGTCACTTACCTTTG 1320
Qy 1321 ACCCTTCTTTGATCCCAAAATACATTAATACTGTGAATTCATCATCTATT 1380
Db 1321 ACCCTTCTTTGATCCCAAAATACATTAATACTGTGAATTCATCATCTATT 1380
Qy 1381 TAAAGTCATAGATTTTGTAGCTAATAAGTCTTGAACAGTAATGTGTGTAATTTGTGT 1440
Db 1381 TAAAGTCATAGATTTTGTAGCTAATAAGTCTTGAACAGTAATGTGTGTAATTTGTGT 1440
Qy 1441 ATGTTCCCAATGCGCCCACTTGGATGTGGGTGAGAGGTTGACTATT 1500
Db 1441 ATGTTCCCAATGCGCCCACTTGGATGTGGGTGAGAGGTTGACTATT 1500
Qy 1501 AACAAATGCTAATAATATCTCATAGAGTACAGTGCATATGATTTCAATGTTCATG 1560
Db 1501 AACAAATGCTAATAATATCTCATAGAGTACAGTGCATATGATTTCAATGTTCATG 1560
Qy 1561 TTGACCAAGGAGATTTTATCTGAAGACATACATTAATAATACCTTAGAGAAAG 1620
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Qy 1621 ATTTGACCTGCTTATGATTAATACTGTGCAAGAAATGTATGAGCAATATAGAA 1680
Db 1621 ATTTGACCTGCTTATGATTAATACTGTGCAAGAAATGTATGAGCAATATAGAA 1680
Qy 1681 ATAAACACACCTTTGTTAAAGTAAAAAAA 1712
Db 1681 ATAAACACACCTTTGTTAAAGTAAAAAAA 1712

RESULT 3

US-10-036-041-1

Sequence 1, Application US/10036041

Publication No. US20020192751A1

GENERAL INFORMATION:

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan L.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Pan, James

APPLICANT: Stewart, Timothy A.

APPLICANT: Watanabe, Colin K.

APPLICANT: Wood, William I.

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3030R1C8

CURRENT APPLICATION NUMBER: US/10/036, 041

CURRENT FILING DATE: 2001-12-26

PRIOR APPLICATION NUMBER: 60/085579

PRIOR FILING DATE: 1998-05-15

PRIOR APPLICATION NUMBER: 60/112514

PRIOR FILING DATE: 1998-12-15

PRIOR APPLICATION NUMBER: 60/113300

PRIOR FILING DATE: 1998-12-22

PRIOR APPLICATION NUMBER: 60/113430

PRIOR FILING DATE: 1998-12-23

PRIOR APPLICATION NUMBER: 60/113605

PRIOR FILING DATE: 1998-12-23

PRIOR APPLICATION NUMBER: 60/113621

PRIOR FILING DATE: 1998-12-23

PRIOR APPLICATION NUMBER: 60/114140

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PRIOR FILING DATE: 1999-01-12

PRIOR APPLICATION NUMBER: 60/116643

PRIOR FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 60/125774
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/125778
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/125826
PRIOR FILING DATE: 1999-03-24
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PRIOR APPLICATION NUMBER: 09/908, 827
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PRIOR FILING DATE: 1999-05-14
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PRIOR FILING DATE: 2000-03-01
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PRIOR FILING DATE: 2000-08-23

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PRIOR FILING DATE: 2000-08-24
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PRIOR APPLICATION NUMBER: PCT/US01/17800
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PRIOR APPLICATION NUMBER: PCT/US01/19692
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 1
LENGTH: 1712
TYPE: DNA
ORGANISM: Homo Sapien
US-10-036-041-1

Query Match 100.0%; Score 1712; DB 13; Length 1712;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1712; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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1 GGCATCTGCGGAGAGACACGCTCTGAGAGCTGCTGCTTCTCAAGGAGACTTGA 60
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61 GGCCTGTGTAGAAATCATGCTTTGGAGGAGCTCATATTGCAACTGCTGGCTTTGT 120
121 TTTCTCTCTCTTTTGGCTGTGTCAAGATGAATGAGTGTCCACAAACCGGAGACT 180
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121 TTTCTCTCTCTTTTGGCTGTGTCAAGATGAATGAGTGTCCACAAACCGGAGACT 180
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181 ACCCCAGACTGCAATAGTGTGTCAATGAGACTACAGCTTCGAGGCTACCAAGCCC 240
181 ACCCCAGACTGCAATAGTGTGTCAATGAGACTACAGCTTCGAGGCTACCAAGCCC 240
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241 CCTTGGGCGACCGGGCCCTCTGGCATTCAGGAAACCATGGAAACAATGGCAATGG 300
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361 AGGGAGCGGGGGGAGCATGCGCCCAAGAGAGAGAGGCGTACCGGGGATTCCACAGA 420
421 ACTTCAGATTGCAATGAGCTTCTCTGCGCAACCACTTCAGCAATCAAGACATGGGAT 480
421 ACTTCAGATTGCAATGAGCTTCTCTGCGCAACCACTTCAGCAATCAAGACATGGGAT 480
481 TATCTTCAGCAATGAGCTTCTCTGCGCAACCACTTCAGCAATCAAGACATGGGAT 540
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541 TGGGGCCCGAGTATGAGTGTATTTCTTCACTTCAGCATGATGAGCATGAGGATGT 600
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601 TGAGGAAGTGTATGATGATCTTATGCAATGAGCAACAGTCTTCAGCATGATGAGCA 660
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661 TGAATGAAGGCAATGATGATCTTATGCAATGAGCAACAGTCTTCAGCATGATGAGCA 720
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781 CACCTTGCAGAGATTCCTGCTCTTTGAAACTAAGTAATATATGATGATGATGCTCAC 840
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841 TTTGGGAGAGCTTGTAGCTGATGATGATGATGATGATGATGATGATGATGATGATG 900
841 TTTGGGAGAGCTTGTAGCTGATGATGATGATGATGATGATGATGATGATGATGATG 900
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901 GTTTTCACTTCTGATTCATGAAATATATGATGATGATGATGATGATGATGATGATG 960
961 CCAATTAATGTTGACCAATTCAGGGGCTCAGAGAGATCAACCAAAATAGTCTTCAGA 1020
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1021 TGACCTTGAATATATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1080
1021 TGACCTTGAATATATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1080
1081 TCTCTCTGAGCAGGTTGAAATATTTTCTTATATGATGATGATGATGATGATGATGAT 1140
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1141 TTGACTCTGCTTTTAAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1200
1201 TTAATCTTATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1260
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1321 ACCCTTCTTTTGAATCAAAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 1380
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1501 AACCAATGCTATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 1560
1561 TTTGACCAAGGATTTTAAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 1620
1561 TTTGACCAAGGATTTTAAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 1620
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1681 ATAAACACACCTTTGTTAAAGATTAATTAATTAATTAATTAATTAATTAATTAAT 1712
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1712 ATAAACACACCTTTGTTAAAGATTAATTAATTAATTAATTAATTAATTAATTAAT 1712

RESULT 4
US-10-035-855-1

Sequence 1, Application US/10035855
Publication No. US20030008348A1
GENERAL INFORMATION:
APPLICANT: Deenoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
ACIDS ENCODING THE SAME
FILE REFERENCE: P3030R1C4
CURRENT APPLICATION NUMBER: US/10/035,855
PRIOR FILING DATE: 2001-12-26
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/112514
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PRIOR APPLICATION NUMBER: 60/114140
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PRIOR FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 60/125774
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PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR FILING DATE: 2000-03-02
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PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: PCT/US01/19692
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 1
LENGTH: 1712
TYPE: DNA
ORGANISM: Homo Sapien
US-10-035-855-1
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Best local Similarity 100.0%; Pred. No. 0;
Matches 1712; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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241 CCTTGGGCGACCGGGCCCTCTGCGATTCAGAAAACCATGAAAACAATGGCAAAATG 300
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RESULT 5
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; Sequence 1, Application US/10036214
; Publication No. US20030032061A1
; GENERAL INFORMATION:
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3030R1C11
; CURRENT APPLICATION NUMBER: US/10/036,214
; CURRENT FILING DATE: 2001-12-26
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/112514
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Best Local Similarity 100.0%; Pred. No. 0;
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Db 901 GTTTTACCTGCTGTATTCAGAAAAATATTTGGTTCAGATGTTTTCACGCTACAGGTACA 960
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Db 1141 TTGACTACTGCTTTTAAATTAATACAGTTTTCAGAAACCCCTGAAGTTTAACTTCA 1200
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; Publication No. US20030036114A1
; GENERAL INFORMATION:

APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3030R1C2
CURRENT FILING DATE: 2001-12-26
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; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: PCT/US00/34956
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: PCT/US01/17800
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: PCT/US01/19692
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: PCT/US01/21066
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 1
; LENGTH: 1712
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-035-719-1
Query Match      100.0%; Score 1712; DB 14; Length 1712;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1712; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY      1 GGCATGCGCCGAGGAGCACCAGCTCTGAGCTCTGCTCTTTCAGGGAGACCTCTTA 60
DB      1 GGCATGCGCCGAGGAGCACCAGCTCTGAGCTCTGCTCTTTCAGGGAGACCTCTTA 60
QY      61 GGCCTGTGTGAGATCATCTTTGGAGGAGCTCATCTATTTGCAACTGCTGCTTTGTT 120
DB      61 GGCCTGTGTGAGATCATCTTTGGAGGAGCTCATCTATTTGCAACTGCTGCTTTGTT 120
QY      121 TTTCTCTCTTTTGGCTGTGTAAAGATGATTCATGAGTCTCCCAAAACCGAGAGCT 180
DB      121 TTTCTCTCTTTTGGCTGTGTAAAGATGATTCATGAGTCTCCCAAAACCGAGAGACT 180
QY      181 ACCCCGAGCTGAGTAAGTGTGTATGATGAGACTACAGCTTTCAGAGGCTACCAAGGCC 240
DB      181 ACCCCGAGCTGAGTAAGTGTGTATGATGAGACTACAGCTTTCAGAGGCTACCAAGGCC 240
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DB      181 ACCCCGAGCTGAGTAAGTGTGTATGATGAGACTACAGCTTTCAGAGGCTACCAAGGCC 240
QY      241 CCTGGGCAACCGGGCCCTCTCTGGCATTCAGAGAAACAATGAGCAATGAG 300
DB      241 CCTGGGCAACCGGGCCCTCTCTGGCATTCAGAGAAACAATGAGCAATGAG 300
QY      301 AGCCACTGGTCAATGAAAGAGCCAAAGGTGAGAAAGGGCCGCAAAAGGTGACCTGGGGCTCG 360
DB      301 AGCCACTGGTCAATGAAAGAGCCAAAGGTGAGAAAGGGCCGCAAAAGGTGACCTGGGGCTCG 360
QY      361 AGGGAGCGGGGGGAGCATGAGCCCAAGAGAGAGAGGGCTACCCGGGATTCACACAGA 420
DB      361 AGGGAGCGGGGGGAGCATGAGCCCAAGAGAGAGAGGGCTACCCGGGATTCACACAGA 420
QY      421 ACTTCAGATTGCAATTCATGAGCTTCTCTGGCAACCACTTCAGCAATCAGAACAGTGGAT 480
DB      421 ACTTCAGATTGCAATTCATGAGCTTCTCTGGCAACCACTTCAGCAATCAGAACAGTGGAT 480
QY      481 TATCTTCAGAGCTGTTGAGAACCAACATTTGGAACCTTTGATGTCATGACTGTGATTT 540
DB      481 TATCTTCAGAGCTGTTGAGAACCAACATTTGGAACCTTTGATGTCATGACTGTGATTT 540
QY      541 TGGGGCCCGAGTATCAGGTGTGATTTCTTCACTTCAGCATGATGAGATGAGATG 600
DB      541 TGGGGCCCGAGTATCAGGTGTGATTTCTTCACTTCAGCATGATGAGATGAGATG 600
QY      601 TGAAGAGTGTATGTGTATCTTATGCAATGAGCAACAGTCTTCAGATGTACAGCTA 660
DB      601 TGAAGAGTGTATGTGTATCTTATGCAATGAGCAACAGTCTTCAGATGTACAGCTA 660
QY      661 TGAATGAAAGGGCAATCAGATTCATCCAGCAATCATGCTGTGTAAAGTACGCAAAAG 720
DB      661 TGAATGAAAGGGCAATCAGATTCATCCAGCAATCATGCTGTGTAAAGTACGCAAAAG 720
QY      721 GATGAGTGTGTGCTGCGAATGAGGCAATGAGGCTCCATGAGGAGCAACCAAGCTTCTC 780
DB      721 GATGAGTGTGTGCTGCGAATGAGGCAATGAGGCTCCATGAGGAGCAACCAAGCTTCTC 780
QY      781 CACCTTTCAGAGATTCCTGCTCTTTGAAACTAATGATATATGACTAGAAATAGCTCCAC 840
DB      781 CACCTTTCAGAGATTCCTGCTCTTTGAAACTAATGATATATGACTAGAAATAGCTCCAC 840
QY      841 TTTGGGAAAGACTGTGAGCTGAGCTGATTTGTTACATCTGAGGAAACATTTAAAGTGGAG 900
DB      841 TTTGGGAAAGACTGTGAGCTGAGCTGATTTGTTACATCTGAGGAAACATTTAAAGTGGAG 900
QY      901 GTTTTACATTCGTGTATCAAAAAATTAATTTGTTGATGATGTTTACGCTACAGGTACA 960
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QY      961 CCAATTAATGTTGAGCAATTCAGGGGCTCAGAAAGATCAACCAAAATATGCTTCTCAGA 1020
DB      961 CCAATTAATGTTGAGCAATTCAGGGGCTCAGAAAGATCAACCAAAATATGCTTCTCAGA 1020
QY      1021 TGAACCTTGACTAATATATCTCAGATCTTTATCACTTTCTTGGGCACTTAAAGATTA 1080
DB      1021 TGAACCTTGACTAATATATCTCAGATCTTTATCACTTTCTTGGGCACTTAAAGATTA 1080
QY      1081 TCTCCTCTGACGAGGTGGAATATTTTTCATCAAGAGTCAATTTGCAAAAGATT 1140
DB      1081 TCTCCTCTGACGAGGTGGAATATTTTTCATCAAGAGTCAATTTGCAAAAGATT 1140
QY      1141 TTGACTACTCTGCTTTTAAATTAATACAGTTTTCAGAAACCCCTGAAGTTTAACTTCA 1200
DB      1141 TTGACTACTCTGCTTTTAAATTAATTAATACAGTTTTCAGAAACCCCTGAAGTTTAACTTCA 1200
QY      1201 TTAATCTTATAAATTTGAGAGAAATCGAGATGATGATGATGACAGGGCTGGGGCAAGAA 1260
DB      1201 TTAATCTTATAAATTTGAGAGAAATCGAGATGATGATGATGATGACAGGGCTGGGGCAAGAA 1260
QY      1261 CAGGGGCACTAGCTGCTTATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1320
DB      1261 CAGGGGCACTAGCTGCTTATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1320
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; PRIOR APPLICATION NUMBER: PCT/US01/06520
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; PRIOR APPLICATION NUMBER: PCT/US01/19692
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: PCT/US01/21066
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 1
; LENGTH: 1712
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-036-160-1

Query Match      100.0%; Score 1712; DB 14; Length 1712;
Beet Local Similarity 100.0%; Pred. No. 0;
Matches 1712; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGCATCTGCCGAGAGACCAAGCTCTGAGCTGTCTCTTCTCAGGAGACTTGA 60
DB      1 GGCATCTGCCGAGAGACCAAGCTCTGAGCTGTCTCTTCTCAGGAGACTTGA 60
QY      61 GGCCTCTTGAGATCATCTTTGAGAGCACTCATTTAGCAACTGCTGCTTTGTT 120
DB      61 GGCCTCTTGAGATCATCTTTGAGAGCACTCATTTAGCAACTGCTGCTTTGTT 120
QY      121 TTTCCTCCCTTTTGCTGTGTCAAGATGATACATGAGTCTCCCAAGCGGAGACT 180
DB      121 TTTCCTCCCTTTTGCTGTGTCAAGATGATACATGAGTCTCCCAAGCGGAGACT 180
QY      181 ACCCCAGACTCAGTAAGTGTGTCAAGAGTCAAGCTTTCAGAGCTACCAAGGCC 240
DB      181 ACCCCAGACTCAGTAAGTGTGTCAAGAGTCAAGCTTTCAGAGCTACCAAGGCC 240
QY      241 CCCTGGGCAACCGGCGCTCTCTGCGATTCAGAAACCAATGCAATGCAATG 300
DB      241 CCCTGGGCAACCGGCGCTCTCTGCGATTCAGAAACCAATGCAATGCAATG 300
QY      301 AGCCAATGTCATGAAGAGCAAGAGTGAAGAGGCGCAAGAGTGAAGTGGGCGCTG 360
DB      301 AGCCAATGTCATGAAGAGCAAGAGTGAAGAGGCGCAAGAGTGAAGTGGGCGCTG 360
QY      361 AGGGAGCGGCGGCGAGCATGCGCCCAAGAGAGAGAGGCGTACCGGGGATTCCACA 420
DB      361 AGGGAGCGGCGGCGAGCATGCGCCCAAGAGAGAGAGGCGTACCGGGGATTCCACA 420
QY      421 ACTTCAGATTCATTCATGCTTCTCTGCGAACCCATTCAGCAATCAGAACGAGT 480
DB      421 ACTTCAGATTCATTCATGCTTCTCTGCGAACCCATTCAGCAATCAGAACGAGT 480
QY      481 TATCTTCAGCAATGTTGAGACCAACATTTGAAACTTTTGAATGTCATACGTGAT 540
DB      481 TATCTTCAGCAATGTTGAGACCAACATTTGAAACTTTTGAATGTCATACGTGAT 540
QY      541 TGGGGCCCAAGTATCAGGTGTGATTTCTTCACTTCAGATGATGAGAGATG 600
DB      541 TGGGGCCCAAGTATCAGGTGTGATTTCTTCACTTCAGATGATGAGAGATG 600
QY      601 TGAAGAGTGTATGTGTACCTTATGCAATGCAACAGTCTTCAGCATGTAACGCT 660
DB      601 TGAAGAGTGTATGTGTACCTTATGCAATGCAACAGTCTTCAGCATGTAACGCT 660
QY      661 TGAATGAAGGCAATTCAGATTCAGCAATTCATGCTGTGCTGAAGCTAGCAAG 720
DB      661 TGAATGAAGGCAATTCAGATTCAGCAATTCATGCTGTGCTGAAGCTAGCAAG 720
QY      721 GGATGAGTTTGCTGCGAATGCGCAATGCGCTTCATGAGGAGCAACCAAGCTTCTC 780
DB      721 GGATGAGTTTGCTGCGAATGCGCAATGCGCTTCATGAGGAGCAACCAAGCTTCTC 780

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QY      781 CACCTTGGAGGATTCCTGCTCTTTGAACCTAAGTAATATATGACTAGATAGCTCCAC 840
DB      781 CACCTTGGAGGATTCCTGCTCTTTGAACCTAAGTAATATATGACTAGATAGCTCCAC 840
QY      841 TTTGGGGAAGACTTGTAGCTGAGCTGATTTGAGACTGAGAGACATTAAGTTGAG 900
DB      841 TTTGGGGAAGACTTGTAGCTGAGCTGATTTGAGACTGAGAGACATTAAGTTGAG 900
QY      901 GTTTTACATGCTGTATTCAAAAATATATGTTGCAATGTTTTCAGCTACAGGTACA 960
DB      901 GTTTTACATGCTGTATTCAAAAATATATGTTGCAATGTTTTCAGCTACAGGTACA 960
QY      961 CCAATTAATGTTGCAATTCAGGGCTCAGAAAGATCAACCAAAATATGTTCTCAGA 1020
DB      961 CCAATTAATGTTGCAATTCAGGGCTCAGAAAGATCAACCAAAATATGTTCTCAGA 1020
QY      1021 TGACCTGACTATATTAATCTAGACATCTTATGACTCTTTCCTGACCTTAAGATAT 1080
DB      1021 TGACCTGACTATATTAATCTAGACATCTTATGACTCTTTCCTGACCTTAAGATAT 1080
QY      1081 TCTCCTCTGACGAGGTGGAATAATTTTTCATACAGAAATGATTCAGAAAT 1140
DB      1081 TCTCCTCTGACGAGGTGGAATAATTTTTCATACAGAAATGATTCAGAAAT 1140
QY      1141 TTGACTACTGCTTTTAAATTAATACAGTTTTCAGAAACCCCTGAAGTTTAAGTCA 1200
DB      1141 TTGACTACTGCTTTTAAATTAATACAGTTTTCAGAAACCCCTGAAGTTTAAGTCA 1200
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DB      1201 TTATCTTATTAACATTTGAGAGAAATCGGATGATGATGATGACAGGCTGGGCAAGA 1260
QY      1261 CAGGGCACTAGCTGCTTATTAAGTATATGCTCTGCTGCTGCTGCTGCTGCTG 1320
DB      1261 CAGGGCACTAGCTGCTTATTAAGTATATGCTCTGCTGCTGCTGCTGCTGCTG 1320
QY      1321 ACCCTTCTTTGATCCAGAAATACATTAATCTGAAATTCATCAATGCTATTT 1380
DB      1321 ACCCTTCTTTGATCCAGAAATACATTAATCTGAAATTCATCAATGCTATTT 1380
QY      1381 TAAAGTCAATAGATTTTATGCTTAAAGTCTTGAACAGATATGATGATTTTGT 1440
DB      1381 TAAAGTCAATAGATTTTATGCTTAAAGTCTTGAACAGATATGATGATTTTGT 1440
QY      1441 ATGTTCCCAATGCTGCTTATTAAGTCTTGAACAGATATGATGATTTTGT 1500
DB      1441 ATGTTCCCAATGCTGCTTATTAAGTCTTGAACAGATATGATGATTTTGT 1500
QY      1501 AACCAATGCTATTAATATCTCATAGAGTACAGTCCCAATTAATTAATGTTGCA 1560
DB      1501 AACCAATGCTATTAATATCTCATAGAGTACAGTCCCAATTAATTAATGTTGCA 1560
QY      1561 TTGACCAAGGGAATTTTATGCTGAGAGCAATACATTAATTAATGTTGCA 1620
DB      1561 TTGACCAAGGGAATTTTATGCTGAGAGCAATACATTAATTAATGTTGCA 1620
QY      1621 ATTTGACCTGCTTGAATTAAGTGTGCAAGAAATGTAATGAGCAATATATGAA 1680
DB      1621 ATTTGACCTGCTTGAATTAAGTGTGCAAGAAATGTAATGAGCAATATATGAA 1680
QY      1681 ATTAACACACCTTTGTTAAAGTAAAAAAA 1712
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RESULT 8
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; Sequence 1, Application US/10035958
; Publication No. US20030049733A1
; GENERAL INFORMATION:
; APPLICANT: Desnoyers, Inc
; APPLICANT: Baton, Dan L.
; APPLICANT: Goddard, Audrey

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APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3030R1C7
CURRENT APPLICATION NUMBER: US/10/035,958
PRIOR FILING DATE: 2001-12-26
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/112514
PRIOR FILING DATE: 1998-12-15
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PRIOR FILING DATE: 1999-03-24
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PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/644848
PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 09/747259

PRIOR FILING DATE: 2000-12-20
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PRIOR APPLICATION NUMBER: 09/854208
PRIOR FILING DATE: 2001-05-10
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PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 1
LENGTH: 1712
TYPE: DNA
ORGANISM: Homo Sapien
US-10-035-958-1
Query Match 100.0%; Score 1712; DB 14; Length 1712;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1712; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 GGCATGCGCCGAGGAGACACGCTCCGAGACTGCGTCTTTTCAGGAGACTCGA 60
DB 1 GGCATGCGCCGAGGAGACACGCTCCGAGACTGCGTCTTTTCAGGAGACTCGA 60
QY 61 GGCCTGTGTGAGATCATGCTTTGGAGGAGCTCATTTAGCAACTGTGGCTTTGTT 120
DB 61 GGCCTGTGTGAGATCATGCTTTGGAGGAGCTCATTTAGCAACTGTGGCTTTGTT 120
QY 121 TTTCTCTCTTTTGGCTGTGTCAAGATGATATCATGTGCTCCAAACCGAGACT 180
DB 121 TTTCTCTCTTTTGGCTGTGTCAAGATGATATCATGTGCTCCAAACCGAGACT 180
QY 181 ACCCCAGACTGAGATGTGTTCATGAGACTTACAGCTTTTGGAGGCTCAAGGCGC 240
DB 181 ACCCCAGACTGAGATGTGTTCATGAGACTTACAGCTTTTGGAGGCTCAAGGCGC 240
QY 241 CCTGGGCGACCGGGCCCTCTGGCATTCAGAGAAACCATGGCAACATGG 300

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Db      1321  ACCCTTCCTTTGATCCAGAAATACATTAAACTGTGAATTCACATPACATGCTATTT 1380
Qy      1381  TAAAGTCATATGATTTTAGCTATATAAGTCTTGACCGATTAATGTGTTGTAATTTGTCT 1440
Db      1381  TAAAGTCATATGATTTTAGCTATATAAGTCTTGACCGATTAATGTGTTGTAATTTGTCT 1440
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Qy      1501  AACAAATGTCATAAATAATCTCATATAGAGTACAGTGCCAAATAGATATCAATATGTTGCATG 1560
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Qy      1561  TTGACCGAGAGGATTTTATATCTGAAAGAACATACATTAATTAATTAATCTTGAGAGAAAG 1620
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Qy      1621  ATTTTGACCTTGCTTTAGATTTAAACTGTGCGAAGAAAATGTATATGACATATATATGAA 1680
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RESULT 9
US-10-036-150-1
/ Sequence 1, Application US/10036150
/ Publication No. US20030049734A1
/ GENERAL INFORMATION:
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan L.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Pan, James
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Watanabe, Colin K.
/ APPLICANT: Wood, William I.
/ APPLICANT: Zhang, Zhenli
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3030R1C9
/ CURRENT APPLICATION NUMBER: US/10/036, 150
/ CURRENT FILING DATE: 2001-12-26
/ PRIOR APPLICATION NUMBER: 60/085579
/ PRIOR FILING DATE: 1998-05-15
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/ PRIOR APPLICATION NUMBER: 60/127035
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 PRIOR FILING DATE: 2001-02-28
 PRIOR APPLICATION NUMBER: PCT/US01/17800

PRIOR FILING DATE: 2001-06-01
 PRIOR APPLICATION NUMBER: PCT/US01/19692
 PRIOR FILING DATE: 2001-06-20
 PRIOR APPLICATION NUMBER: PCT/US01/21066
 PRIOR FILING DATE: 2001-06-29
 PRIOR APPLICATION NUMBER: PCT/US01/21735
 PRIOR FILING DATE: 2001-07-09
 NUMBER OF SEQ ID NOS: 80
 SEQ ID NO: 1
 LENGTH: 1712
 TYPE: DNA
 ORGANISM: Homo Sapien
 US-10-036-150-1

Query Match 100.0%; Score 1712; DB 14; Length 1712;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 1712; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	GGCATGTCGCCGAGGAGACAGCTCTCGAGAGCTCTGCTGCTCTTCTCAGGAGAGCTTGA	60
DB	1	GGCATGTCGCCGAGGAGACAGCTCTCGAGAGCTCTGCTGCTCTTCTCAGGAGAGCTTGA	60
QY	61	GGCTCTGTGAAGATCATGCTTTGAGAGGAGCTCATATTGGCAACTGCTGGCTTTGTT	120
DB	61	GGCTCTGTGAAGATCATGCTTTGAGAGGAGCTCATATTGGCAACTGCTGGCTTTGTT	120
QY	121	TTTCCCTCCCTTTTGGCTGCTGTCAGATGAATGAGTCTCCAAACCGGAGAGCT	180
DB	121	TTTCCCTCCCTTTTGGCTGCTGTCAGATGAATGAGTCTCCAAACCGGAGAGCT	180
QY	181	ACCCGAGCTGAGATGATGTTGTCTATGAGACTTACAGCTTTCCAGGCTTACAGAGCC	240
DB	181	ACCCGAGCTGAGATGATGTTGTCTATGAGACTTACAGCTTTCCAGGCTTACAGAGCC	240
QY	241	CCCTGGGCGACCGGGCCCTCTCTGCGATTCAGAGAAACCATGAGAAACATGCGAATGG	300
DB	241	CCCTGGGCGACCGGGCCCTCTCTGCGATTCAGAGAAACCATGAGAAACATGCGAATGG	300
QY	301	AGCCACTGATGATGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	360
DB	301	AGCCACTGATGATGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	360
QY	361	AGGGAGCGGGGCGAGATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	420
DB	361	AGGGAGCGGGGCGAGATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	420
QY	421	ACTTCAGATTGATTCATGCTCTCTGCGAACCACCTTCAGCAATTCAGCAATGCGGAT	480
DB	421	ACTTCAGATTGATTCATGCTCTCTGCGAACCACCTTCAGCAATTCAGCAATGCGGAT	480
QY	481	TATCTTCAGACAGTGTGAGCAACATGAGAACTTTGATGATGATGATGATGATGATGAT	540
DB	481	TATCTTCAGACAGTGTGAGCAACATGAGAACTTTGATGATGATGATGATGATGATGAT	540
QY	541	TGGGGCCCGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT	600
DB	541	TGGGGCCCGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT	600
QY	601	TGAGGAAGTGTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTTAT	660
DB	601	TGAGGAAGTGTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTTAT	660
QY	661	TGAAATGAGAGGCAATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT	720
DB	661	TGAAATGAGAGGCAATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT	720
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DB	721	GGATGAGTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT	780
QY	781	CACCTTGGAGAGATTCCTGCTCTTTGAACTTAAGTAATATATGATGATGATGATGAT	840
DB	781	CACCTTGGAGAGATTCCTGCTCTTTGAACTTAAGTAATATATGATGATGATGATGAT	840

QY 841 TTTGGGAAAGACTTGTAGCTGAGCTGATTGTTACATCTTGAGAAACATTAAGTTGAG 900
DB 841 TTTGGGAAAGACTTGTAGCTGAGCTGATTGTTACATCTTGAGAAACATTAAGTTGAG 900
QY 901 GTTTTACATTTGTGATTAACAAAATTAATGTTGCAAGTGTTCACGCTACAGGTACA 960
DB 901 GTTTTACATTTGTGATTAACAAAATTAATGTTGCAAGTGTTCACGCTACAGGTACA 960
QY 961 CCAATAATGTTGACAAATTCAGGGGCTCAGAAAGATCAACCAAAATAGTCTTCACA 1020
DB 961 CCAATAATGTTGACAAATTCAGGGGCTCAGAAAGATCAACCAAAATAGTCTTCACA 1020
QY 1021 TGACCTTGACTAATATCTACAGATCTTTATCACTCTTCTTGAGCACTTAAGTAAT 1080
DB 1021 TGACCTTGACTAATATCTACAGATCTTTATCACTCTTCTTGAGCACTTAAGTAAT 1080
QY 1081 TCTCTCTGACGAGGTGAGAAATTTTCTATCAGAGATCATTTGCAAGAAAT 1140
DB 1081 TCTCTCTGACGAGGTGAGAAATTTTCTATCAGAGATCATTTGCAAGAAAT 1140
QY 1141 TTGACTACTCTGCTTTAATTAATACAGATTTTCAGAAACCCCTGAAGTTTAAGTTCA 1200
DB 1141 TTGACTACTCTGCTTTAATTAATACAGATTTTCAGAAACCCCTGAAGTTTAAGTTCA 1200
QY 1201 TTAATCTTTATAACATTTGAGAGAAATCGAATGATGATATGACAGGGCTGGGGCAAGAA 1260
DB 1201 TTAATCTTTATAACATTTGAGAGAAATCGAATGATGATATGACAGGGCTGGGGCAAGAA 1260
QY 1261 CAGGGGCACTAGCTGCTTATTAAGTAAATTTAGTGCCCTCCGTTTCAAGTTAGCCTTG 1320
DB 1261 CAGGGGCACTAGCTGCTTATTAAGTAAATTTAGTGCCCTCCGTTTCAAGTTAGCCTTG 1320
QY 1321 ACCCTTCTTTGATTCACAAAATACATTAATACTCTGAATTCACATCAATGATATT 1380
DB 1321 ACCCTTCTTTGATTCACAAAATACATTAATACTCTGAATTCACATCAATGATATT 1380
QY 1381 TAAAGTCAATAGATTTTACCTATAAAGTCTTGACAGTAATGTGTTGATTTTGTG 1440
DB 1381 TAAAGTCAATAGATTTTACCTATAAAGTCTTGACAGTAATGTGTTGATTTTGTG 1440
QY 1441 ATGTTCCCCCACAATGCCCCCACTTCGATGTGGGGTCAAGAGGTTGAGTTCACTATT 1500
DB 1441 ATGTTCCCCCACAATGCCCCCACTTCGATGTGGGGTCAAGAGGTTGAGTTCACTATT 1500
QY 1501 AACCAATGTCATTAATATCTCATAGAGTACAGTGCATATGATATTCAATGTTGCATG 1560
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QY 1561 TTGACCAAGAGGATTTTATATCTGAAGAACTACACTATTAAATTAACCTTAGAGAAAG 1620
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DB 1621 ATTTTGAAGTGGCTTTTGAATTAACCTGTGCAAGAAATGTAATGAGCAATTAAGAA 1680
QY 1681 ATTAACACACCTTTGTTAAAGATTAAGAAAAA 1712
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; Sequence 1, Application US/10036063
; Publication No. US20030092063A1
; GENERAL INFORMATION:
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James

APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3030R1C6
CURRENT APPLICATION NUMBER: US/10/036,063
PRIOR FILING DATE: 2001-12-26
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PRIOR FILING DATE: 1998-05-15
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PRIOR FILING DATE: 1998-12-15
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PRIOR FILING DATE: 2001-06-29
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PRIOR FILING DATE: 1999-12-22
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PRIOR FILING DATE: 2000-03-01
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PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: PCT/US01/06520
PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: PCT/US01/17800
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: PCT/US01/19692
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 1
LENGTH: 1712
TYPE: DNA
ORGANISM: Homo Sapien
US-10-036-063-1

Query Match 100.0%; Score 1712; DB 14; Length 1712;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1712; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGCATCTGCCGAGAGACACGCTCTGAGCTCTGCTCTTCTCAGGAGACTCTGA 60
Db 1 GGCATCTGCCGAGAGACACGCTCTGAGCTCTGCTCTTCTCAGGAGACTCTGA 60
QY 61 GGCCTGTGGAATCATGCTTTGAGGAGCTCATCTTGGCAACGCTGGCTTTGTT 120
Db 61 GGCCTGTGGAATCATGCTTTGAGGAGCTCATCTTGGCAACGCTGGCTTTGTT 120
QY 121 TTTCTCTCTTTTCTGCTGTGCTCAAGATGATACATGAGTCTCCAAACCGGAGACT 180
Db 121 TTTCTCTCTTTTCTGCTGTGCTCAAGATGATACATGAGTCTCCAAACCGGAGACT 180
QY 181 ACCCCAGACTGCACTAAGTGTGTCATGAGACTACAGCTTTGAGGCTTCAAGGCC 240
Db 181 ACCCCAGACTGCACTAAGTGTGTCATGAGACTACAGCTTTGAGGCTTCAAGGCC 240
QY 241 CCGTGGGCAACCGGGCCCTCTGAGATTCAGAGAAACAATGGCAACATGG 300
Db 241 CCGTGGGCAACCGGGCCCTCTGAGATTCAGAGAAACAATGGCAACATGG 300

QY 301 AGCCATCTGTCATGAGAGACCAAGGTGAGAGAGGCGACAAGGTGACTGGGCTTCG 360
Db 301 AGCCATCTGTCATGAGAGACCAAGGTGAGAGAGGCGACAAGGTGACTGGGCTTCG 360
QY 361 AGGGAGCCGGGCGACATGCGCCCAAGAGAGAAAGGCTACCGGGGATTCCACCGA 420
Db 361 AGGGAGCCGGGCGACATGCGCCCAAGAGAGAAAGGCTACCGGGGATTCCACCGA 420
QY 421 ACTTCAGATTGCAATGAGCTTCTGCGCAACCACTTCAGCAATCAAGAGGAGT 480
Db 421 ACTTCAGATTGCAATGAGCTTCTGCGCAACCACTTCAGCAATCAAGAGGAGT 480
QY 481 TATCTTCAGAGTGTGAGACCAATGGAACCTCTTGAATGTCATGACTGTAGATT 540
Db 481 TATCTTCAGAGTGTGAGACCAATGGAACCTCTTGAATGTCATGACTGTAGATT 540
QY 541 TGGGGCCCAAGTATCAGGTGTGATTTCTTCACTTCAGCATGATGAAGCATGAGATT 600
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QY 601 TGAGAAAGTATGTTGTTACCTTATGCAACATGGCAACAGTCTTCAGATGACAGTA 660
Db 601 TGAGAAAGTATGTTGTTACCTTATGCAACATGGCAACAGTCTTCAGATGACAGTA 660
QY 661 TGAATGAAAGGCAATCAGATACATCCAGCAATCATGCTGTGCTGAAGCTAGCCAAAG 720
Db 661 TGAATGAAAGGCAATCAGATACATCCAGCAATCATGCTGTGCTGAAGCTAGCCAAAG 720
QY 721 GGATGAGTTTGGCTGCGAATGGGCAATGGCGCTCTCCATGGGAGCACCAACGCTTCTC 780
Db 721 GGATGAGTTTGGCTGCGAATGGGCAATGGCGCTCTCCATGGGAGCACCAACGCTTCTC 780
QY 781 CACCTTGAAGATTCCTGCTCTTTGAAACTAAGTAATATATGACTGAATAGCTCCAC 840
Db 781 CACCTTGAAGATTCCTGCTCTTTGAAACTAAGTAATATATGACTGAATAGCTCCAC 840
QY 841 TTTGGGAAAGACTGTAGCTGAGCTGATTTGTAAGATCTGAGAAACTTAAAGTTGAGG 900
Db 841 TTTGGGAAAGACTGTAGCTGAGCTGATTTGTAAGATCTGAGAAACTTAAAGTTGAGG 900
QY 901 GTTTTACATTGCTGTATTCAAAAAATTAATGTTGCAATGTTTCAAGCTACAGCTTACA 960
Db 901 GTTTTACATTGCTGTATTCAAAAAATTAATGTTGCAATGTTTCAAGCTACAGCTTACA 960
QY 961 CCAATATGTTGGAACAATTCAAGGGCTCAGAGAAATCAACCAAAATATGTTCTCGA 1020
Db 961 CCAATATGTTGGAACAATTCAAGGGCTCAGAGAAATCAACCAAAATATGTTCTCGA 1020
QY 1021 TGACTTGACTAATATACATCAGCATCTTATCATTCTTCTGAGCACTTAAGATAT 1080
Db 1021 TGACTTGACTAATATACATCAGCATCTTATCATTCTTCTGAGCACTTAAGATAT 1080
QY 1081 TCTCTCTGACGCGAGTTGGAATATTTTTCATCAGAGATCATTTGCAAGAAATT 1140
Db 1081 TCTCTCTGACGCGAGTTGGAATATTTTTCATCAGAGATCATTTGCAAGAAATT 1140
QY 1141 TTGACTACTCTGCTTTAATTAATACAGTTTACAGAAACCCCTGAAGTTTAAGTCA 1200
Db 1141 TTGACTACTCTGCTTTAATTAATACAGTTTACAGAAACCCCTGAAGTTTAAGTCA 1200
QY 1201 TTAATCTTATAAATTGAGAGAAATCGATGTAGATGATGACAGGGCTGGGCAAGAA 1260
Db 1201 TTAATCTTATAAATTGAGAGAAATCGATGTAGATGATGACAGGGCTGGGCAAGAA 1260
QY 1261 CAGGGGCACTAGCTGCTTATTAAGCTAATTTAGTGCCTCGTGTTCAGCTTACGCTTTG 1320
Db 1261 CAGGGGCACTAGCTGCTTATTAAGCTAATTTAGTGCCTCGTGTTCAGCTTACGCTTTG 1320
QY 1321 ACCCTTCTTTTGAATCCAAATATCAATTAACCTGGAATTCATACATGATGATTT 1380
Db 1321 ACCCTTCTTTTGAATCCAAATATCAATTAACCTGGAATTCATACATGATGATTT 1380
QY 1381 TAAAGTCAATGATTTTATGCTAATAAGTCTGACCAAGTATGATGTTGTTATTTGTGT 1440

Db 1381 TAAAGCATATATTTAGCTATAAGTCTTGACCAAGTATATGTTGTAATTTGTCT 1440
Qy 1441 ATGTTCCCCCATGTCGCCCACTTGCGATGCGGTCAGAGGTTGAGTTCACTATT 1500
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Qy 1501 AACAAATGCATTAATATCTCATAGAGTACAGTGCATATGATTTCAAATGTTGCATG 1560
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Qy 1561 TTGACAGAGGATTTATATCTGAAGACATACACTATTAAATACCTTAGAGAAAG 1620
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Qy 1621 ATTTGACCTGCTTTAGTAAATCTGTGCGCAAGAAAATGTATAGCAATATATGAA 1680
Db 1621 ATTTGACCTGCTTTAGTAAATCTGTGCGCAAGAAAATGTATAGCAATATATGAA 1680
Qy 1681 ATTAACACACCTTTGTTAAAGTAAAAAAA 1712
Db 1681 ATTAACACACCTTTGTTAAAGTAAAAAAA 1712

RESULT 11
US-10-035-977-1
Sequence 1, Application US/10035977
Publication No. US20030134327A1
GENERAL INFORMATION:
APPLICANT: Desnoyers, Luc
APPLICANT: Edton, Dan L.
APPLICANT: Gddard, Audrey
APPLICANT: Gddowski, Paul J.
APPLICANT: Guirney, Austin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wdod, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3030R1C10
CURRENT APPLICATION NUMBER: US/10/035,977
CURRENT FILING DATE: 2001-12-26
PRIOR APPLICATION NUMBER: 60/085579
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; PRIOR APPLICATION NUMBER: PCT/US01/21066
; PRIOR FILING DATE: 2001-06-29
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; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 1
; LENGTH: 1712
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-035-977-1

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Query Match	100.0%	Score 1712;	DB 15;	Length 1712;
Best Local Similarity	100.0%	Pred. No. 0;		
Matches 1712; Conservative	0;	Mismatches	0;	Gaps 0;

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OY	121	TTTCTCTCCCTTTTTCCTGCTGTGTCAAAGATGAATATCATGAGTCTCCAAACCGAGAGACT	180
Db	121	TTTCTCTCCCTTTTTCCTGCTGTGTCAAAGATGAATATCATGAGTCTCCAAACCGAGAGACT	180
OY	181	ACCCGACAGCTGCACTAAGTGTTCATGAGAGACTACAGACTTTGGAGGCTACCAAGGACC	240
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OY	241	CCCTGGGGCCACCGGGCCCTCTGTGCATTCAGGAAACCATGAGAAACAAATGGCAACAATG	300
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OY	301	AGCCACTGTGTCATGAAGAGCCAAAGGTGAGAGAGGGCCGACAAAGGTGACCTGGGGCTTGG	360
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OY	361	AGGGAGGGGGGGGCGAGCATGCGCCCAAGAGAGAGAGAGGGCTACCCGGGGGATTCACACGAG	420
Db	361	AGGGAGGGGGGGGCGAGCATGCGCCCAAGAGAGAGAGGGCTACCCGGGGGATTCACACGAG	420
OY	421	ACTTCAGATTGCAATTCATGCTTCTCTGGCAACCCACTTCAGCATTCAGAAACAGTGGGAT	480
Db	421	ACTTCAGATTGCAATTCATGCTTCTCTGGCAACCCACTTCAGCATTCAGAAACAGTGGGAT	480
OY	481	TATCTTCAGCAGCTGTTGAGACCACATTTGGAAACTTTTGAATGTCATGACTGTGTAAT	540
Db	481	TATCTTCAGCAGCTGTTGAGACCACATTTGGAAACTTTTGAATGTCATGACTGTGTAAT	540
OY	541	TGAGGCCCCCAGATATGAGGTGTATTTCTTCACTTCAGCATGATGAAGCATGAGAGAT	600
Db	541	TGAGGCCCCCAGATATGAGGTGTATTTCTTCACTTCAGCATGATGAAGCATGAGAGAT	600
OY	601	TGAGGAAGTGTATGTGTACTTATGCACAATGGCAACAAGCTTCACAGATGTACAGCTA	660
Db	601	TGAGGAAGTGTATGTGTACTTATGCACAATGGCAACAAGCTTCACAGATGTACAGCTA	660
OY	661	TGAAATGAAGGCAAAATCAGATATCTCAGGCAATCATGCTGTGCTGAAGCTAGCCAAAG	720
Db	661	TGAAATGAAGGCAAAATCAGATATCTCAGGCAATCATGCTGTGCTGAAGCTAGCCAAAG	720
OY	721	GGATAGAGTTTGGCTGCGCAATGGGCAATGGCGCTCCCATGGGGACCAACAGCCTTTCT	780
Db	721	GGATAGAGTTTGGCTGCGCAATGGGCAATGGCGCTCCCATGGGGACCAACAGCCTTTCT	780
OY	781	CACCTTTCAGAGATTCCTGCTCTTTGAATCTAAGTAAATATATGACTAAGATAGCTCCAC	840
Db	781	CACCTTTCAGAGATTCCTGCTCTTTGAATCTAAGTAAATATATGACTAAGATAGCTCCAC	840
OY	841	TTTGGGGAAGACTTGTAGCTGAGTGTGTTGTACGATCTGAGGAACATTAAGTTGAGG	900
Db	841	TTTGGGGAAGACTTGTAGCTGAGTGTGTTGTACGATCTGAGGAACATTAAGTTGAGG	900

Db	841	TTTG3GGGAAGACTGTGATGCGAGCGATTTGTTACATCTGAGAGAAACATTTAAAGTTGAGG	900
QY	901	GTTTTAQATGCTGTATTCACAAAATATATTGTTGGACATGTTGTTCACGCTACAGGTACA	960
Db	901	GTTTTAQATGCTGTATTCACAAAATATATTGTTGGACATGTTGTTCACGCTACAGGTACA	960
QY	961	CCAAATANGTTGGCAATTCAGGGGGCTCAGAGAAATCAACCAAAATATAGCTTCAGA	1020
Db	961	CCAAATANGTTGGCAATTCAGGGGGCTCAGAGAAATCAACCAAAATATAGCTTCAGA	1020
QY	1021	TGACCTTGACATAATATCTAGACATCTTTATCACTCTTCTGGGCACTTAAAGATAT	1080
Db	1021	TGACCTTGACATAATATCTAGACATCTTTATCACTCTTCTGGGCACTTAAAGATAT	1080
QY	1081	TCCTCTGTGACGAGCGTGGAAATATTTTTTCTATCAAGAAATCAATTTGGCAAGAAAT	1140
Db	1081	TCCTCTGTGACGAGCGTGGAAATATTTTTTCTATCAAGAAATCAATTTGGCAAGAAAT	1140
QY	1141	TTGACTACTCGCTTTTAAATTTTAACACGTTTCAGAAACCCCTGAAGTTTAAAGTTCA	1200
Db	1141	TTGACTACTCGCTTTTAAATTTTAACACGTTTCAGAAACCCCTGAAGTTTAAAGTTCA	1200
QY	1201	TTATTTCTTTAATCAATTTGAGAGAAATGAGATATGACAGAGGCTGGGCAAGAA	1260
Db	1201	TTATTTCTTTAATCAATTTGAGAGAAATGAGATATGACAGAGGCTGGGCAAGAA	1260
QY	1261	CAGGGGCACTAGCTGCTTATTTAGCTAATTTAGTCCCTCGGTGTCAAGCTTACCTTTG	1320
Db	1261	CAGGGGCACTAGCTGCTTATTTAGCTAATTTAGTCCCTCGGTGTCAAGCTTACCTTTG	1320
QY	1321	ACCCCTTCCTTTTGTATCCACAAATTAACATTTAAACCTGAAATTCACATACATGCTATTT	1380
Db	1321	ACCCCTTCCTTTTGTATCCACAAATTAACATTTAAACCTGAAATTCACATACATGCTATTT	1380
QY	1381	TAAAGTCAAATGATTTTATAGCTATTAAGTGTCTTGACACAGTATGTGTTGTATTTGTGT	1440
Db	1381	TAAAGTCAAATGATTTTATAGCTATTAAGTGTCTTGACACAGTATGTGTTGTATTTGTGT	1440
QY	1441	ATGTTCCGCCCAATGCGCCCCCAACCTTGGAATGTGGGGTCAGAGGTTGAGGTTCAATTT	1500
Db	1441	ATGTTCCGCCCAATGCGCCCCCAACCTTGGAATGTGGGGTCAGAGGTTGAGGTTCAATTT	1500
QY	1501	AACCAATGTCAATAATATCTCATAGAGGTACAGTCCAAATGAAATTCAAATGTTGCATG	1560
Db	1501	AACCAATGTCAATAATATCTCATAGAGGTACAGTCCAAATGAAATTCAAATGTTGCATG	1560
QY	1561	TTGACCAAGGGGATTTTATATCTGAAGAAACAATACATATTAATTAATACCTTAGAGAAAG	1620
Db	1561	TTGACCAAGGGGATTTTATATCTGAAGAAACAATACATATTAATTAATACCTTAGAGAAAG	1620
QY	1621	ATTTTGAACCTGCTTTAGATTAACCTGTGCAAGAAATATGTAAATGACATATATGAA	1680
Db	1621	ATTTTGAACCTGCTTTAGATTAACCTGTGCAAGAAATATGTAAATGACATATATGAA	1680
QY	1681	ATTAACACACACTTTGTTTAAAGATTAACAAAAA	1712
Db	1681	ATTAACACACACTTTGTTTAAAGATTAACAAAAA	1712
RESULT 12			
US-10-884-091-1			
; Sequence 1, Application US/10884091			
; Publication No. US20040265966A1			
; GENERAL INFORMATION:			
; APPLICANT: Desmoyers, Luc			
; APPLICANT: Eaton, Dan L.			
; APPLICANT: Goddard, Audrey			
; APPLICANT: Godowski, Paul J.			
; APPLICANT: Gurney, Austin L.			
; APPLICANT: Pan, James			
; APPLICANT: Stewart, Timothy A.			
; APPLICANT: Watanabe, Colin K.			
; APPLICANT: Wood, William I.			

APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING
FILE REFERENCE: P3030R1C1C1
CURRENT APPLICATION NUMBER: US/10/884,091
PRIORITY FILING DATE: 2004-07-01
PRIORITY APPLICATION NUMBER: 60/085579
PRIORITY FILING DATE: 1998-05-15
PRIORITY APPLICATION NUMBER: 60/112514
PRIORITY FILING DATE: 1998-12-15
PRIORITY APPLICATION NUMBER: 60/113300
PRIORITY FILING DATE: 1998-12-22
PRIORITY APPLICATION NUMBER: 60/113430
PRIORITY FILING DATE: 1998-12-23
PRIORITY APPLICATION NUMBER: 60/113605
PRIORITY FILING DATE: 1998-12-23
PRIORITY APPLICATION NUMBER: 60/113621
PRIORITY FILING DATE: 1998-12-23
PRIORITY APPLICATION NUMBER: 60/114140
PRIORITY FILING DATE: 1998-12-23
PRIORITY APPLICATION NUMBER: 60/115552
PRIORITY FILING DATE: 1999-01-12
PRIORITY APPLICATION NUMBER: 60/116843
PRIORITY FILING DATE: 1999-01-22
PRIORITY APPLICATION NUMBER: 60/125774
PRIORITY FILING DATE: 1999-03-23
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 1
LENGTH: 1712
TYPE: DNA
ORGANISM: Homo Sapien
US-10-884-091-1

Query Match 100.0%; Score 1712; DB 18; Length 1712;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1712; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 GGCATCTGCCGAGAGACCAAGCTCTGAGCTCTGCTCTCTTCAAGGAGACTCTGA 60
1 GGCATCTGCCGAGAGACCAAGCTCTGAGCTCTGCTCTCTTCAAGGAGACTCTGA 60
61 GGCCTGTGGAATATAGCTTTGAGGAGCACTCATCTATTTGGCACTGTGCTTTGTT 120
61 GGCCTGTGGAATATAGCTTTGAGGAGCACTCATCTATTTGGCACTGTGCTTTGTT 120
61 GGCCTGTGGAATATAGCTTTGAGGAGCACTCATCTATTTGGCACTGTGCTTTGTT 120
121 TTTCCTCCTTTTGGCTGTGTCAGATGAAATACATGAGTCTCCCAAAACCGAGGACT 180
121 TTTCCTCCTTTTGGCTGTGTCAGATGAAATACATGAGTCTCCCAAAACCGAGGACT 180
121 TTTCCTCCTTTTGGCTGTGTCAGATGAAATACATGAGTCTCCCAAAACCGAGGACT 180
181 ACCCCAGACTGAGTATGTTGTCATGAGACTACAGCTTTGAGGCTACCAAGGCC 240
181 ACCCCAGACTGAGTATGTTGTCATGAGACTACAGCTTTGAGGCTACCAAGGCC 240
181 ACCCCAGACTGAGTATGTTGTCATGAGACTACAGCTTTGAGGCTACCAAGGCC 240
241 CCCTGGCCACCGGGCCCTCTGAGCATTCAGAGAAACCATGAGAAACATGAGCAATG 300
241 CCCTGGCCACCGGGCCCTCTGAGCATTCAGAGAAACCATGAGAAACATGAGCAATG 300
241 CCCTGGCCACCGGGCCCTCTGAGCATTCAGAGAAACCATGAGAAACATGAGCAATG 300
301 AGCCTGATGATGAGAGAGCAAAAGTGAAGAGGCGCAAAAGTGAAGTGAAGTGAAGT 360
301 AGCCTGATGATGAGAGAGCAAAAGTGAAGAGGCGCAAAAGTGAAGTGAAGTGAAGT 360
301 AGCCTGATGATGAGAGAGCAAAAGTGAAGAGGCGCAAAAGTGAAGTGAAGTGAAGT 360
361 AGGAGAGCGGGGAGCATGAGCCCAAGAGAGAGAGGCTACCCGGGGAATTCACACAG 420
361 AGGAGAGCGGGGAGCATGAGCCCAAGAGAGAGAGGCTACCCGGGGAATTCACACAG 420
361 AGGAGAGCGGGGAGCATGAGCCCAAGAGAGAGAGGCTACCCGGGGAATTCACACAG 420
421 ACTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 480
421 ACTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 480
421 ACTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 480
481 TATCTTCAAGAGTGTGAGACCAACATTTGAAATCTTTGATGATGATGATGATGAT 540
481 TATCTTCAAGAGTGTGAGACCAACATTTGAAATCTTTGATGATGATGATGATGAT 540

541 TGGGGCCCGAGATCAGGTGTATTTCTTCACTTCAAGATGATGATGATGATGATGAT 600
541 TGGGGCCCGAGATCAGGTGTATTTCTTCACTTCAAGATGATGATGATGATGATGAT 600
541 TGGGGCCCGAGATCAGGTGTATTTCTTCACTTCAAGATGATGATGATGATGATGAT 600
601 TGAAGAGTATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 660
601 TGAAGAGTATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 660
601 TGAAGAGTATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 660
661 TGAAGAGTATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 720
661 TGAAGAGTATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 720
661 TGAAGAGTATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 720
721 GATGAGTATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 780
721 GATGAGTATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 780
721 GATGAGTATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 780
781 CACTTGGAGAGTATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 840
781 CACTTGGAGAGTATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 840
781 CACTTGGAGAGTATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 840
841 TTTGGGGAAGACTTGTAGCTGAGCTGATTTGTAGATCTGAGAAACATTAAGTTGAG 900
841 TTTGGGGAAGACTTGTAGCTGAGCTGATTTGTAGATCTGAGAAACATTAAGTTGAG 900
841 TTTGGGGAAGACTTGTAGCTGAGCTGATTTGTAGATCTGAGAAACATTAAGTTGAG 900
901 GTTTTACATGCTGATTTTCAAAATTAATGTTGATGATGATGATGATGATGATGAT 960
901 GTTTTACATGCTGATTTTCAAAATTAATGTTGATGATGATGATGATGATGATGAT 960
901 GTTTTACATGCTGATTTTCAAAATTAATGTTGATGATGATGATGATGATGATGAT 960
961 CCAATTAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1020
961 CCAATTAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1020
961 CCAATTAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1020
1021 TGACCTTGAAT 1080
1021 TGACCTTGAAT 1080
1021 TGACCTTGAAT 1080
1081 TCTCTCTGAGCAGAGTGTGAAATATTTTCTATACAGAAAGTCTTGAAGAAAT 1140
1081 TCTCTCTGAGCAGAGTGTGAAATATTTTCTATACAGAAAGTCTTGAAGAAAT 1140
1081 TCTCTCTGAGCAGAGTGTGAAATATTTTCTATACAGAAAGTCTTGAAGAAAT 1140
1141 TTGACTACTCTGCTTTTAAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1200
1141 TTGACTACTCTGCTTTTAAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1200
1141 TTGACTACTCTGCTTTTAAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1200
1201 TTAATCTTAAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1260
1201 TTAATCTTAAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1260
1201 TTAATCTTAAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1260
1261 CAGGGGCACTAGCTGCTTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1320
1261 CAGGGGCACTAGCTGCTTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1320
1261 CAGGGGCACTAGCTGCTTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1320
1321 ACCCTTCTTGTGATCCCAAAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1380
1321 ACCCTTCTTGTGATCCCAAAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1380
1321 ACCCTTCTTGTGATCCCAAAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1380
1381 TAAAGTCAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 1440
1381 TAAAGTCAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 1440
1381 TAAAGTCAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 1440
1441 ATGTTTCCCAATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1500
1441 ATGTTTCCCAATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1500
1441 ATGTTTCCCAATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1500
1501 AACCAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1560
1501 AACCAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1560
1501 AACCAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1560
1561 TTGACCAAGAGGATTTTAAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1620
1561 TTGACCAAGAGGATTTTAAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1620
1561 TTGACCAAGAGGATTTTAAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1620

Query 1629 CTGGCTTTAGATAAACTGTGGCAAGAAAATGTATGCAATATATGGAATAAACAC 1688
Db 1621 CTGGCTTTAGATAAACTGTGGCAAGAAAATGTATGCAATATATGGAATAAACAC 1680
Query 1689 ACCCTTGTAAAGATA 1704
Db 1681 ACCCTTGTAAAGATA 1696

RESULT 14
US-10-321-164-1
; Sequence 1, Application US/10321164
; Publication No. US20030165530A1
; GENERAL INFORMATION:
; APPLICANT: Piddington, Christopher S.
; APPLICANT: Bishop, Paul
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACR3
; FILE REFERENCE: 99-09
; CURRENT APPLICATION NUMBER: US/10/321,164
; PRIOR FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: US/09/552,225A
; PRIOR FILING DATE: 2000-04-19
; PRIOR APPLICATION NUMBER: 60/130,199
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 1696
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (69)...(806)
US-10-321-164-1

Query Match 99.1%; Score 1696; DB 16; Length 1696;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1696; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query 9 CCGGAGAGAGACCAAGCTCTGAGAGCTCTGCTCTCTGAGGAGAGACTGAGGCTCTCT 68
Db 1 CCGGAGAGAGACCAAGCTCTGAGAGCTCTGCTCTCTCTGAGGAGAGACTGAGGCTCTCT 60
Query 69 TGAGATCAATGCTTTGAGAGAGAGCTATCTATTTGGCACTGCTGCTTTGTTTCTCC 128
Db 61 TGAGATCAATGCTTTGAGAGAGAGCTATCTATTTGGCACTGCTGCTTTGTTTCTCC 120
Query 129 CTTTTCCTGCTGTCAAGTGAATACATGAGTCTTCCAAACCGAGAGACTACCCCGAG 188
Db 121 CTTTTCCTGCTGTCAAGTGAATACATGAGTCTTCCAAACCGAGAGACTACCCCGAG 180
Query 189 ACTGAGTAAGTGTGTATGAGACTAGCTATGAGGCTTCCAGAGGAGGAGGAGGAGGAGG 248
Db 181 ACTGAGTAAGTGTGTATGAGACTAGCTATGAGGCTTCCAGAGGAGGAGGAGGAGGAGG 240
Query 249 CACCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 308
Db 241 CACCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 300
Query 309 GTCAATGAAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 368
Db 301 GTCAATGAAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 360
Query 369 GGGGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 428
Db 361 GGGGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 420
Query 429 TTGCAATCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 488
Db 421 TTGCAATCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 480
Query 489 GAGAGTTTATCTGAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 548

Db 481 GAGAGTTTATCTGAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 540
Query 549 CAGTATCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 608
Db 541 CAGTATCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 600
Query 609 TGTATGTGTAAGTATGCAATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 668
Db 601 TGTATGTGTAAGTATGCAATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 660
Query 669 AGGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 728
Db 661 AGGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 720
Query 729 TTTGAGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 788
Db 721 TTTGAGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 780
Query 789 CAGGATTCCTGCTCTTTGAACTAAAGTAATATGACTAGATAGCTTCACTTTGGGGA 848
Db 781 CAGGATTCCTGCTCTTTGAACTAAAGTAATATGACTAGATAGCTTCACTTTGGGGA 840
Query 849 AGACTGTAGCTGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 908
Db 841 AGACTGTAGCTGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 900
Query 909 TTGCTGTATCAAAATTAATGTTGCAATGTTGTTGCAAGCTTACAGTACAGTACCAATAT 968
Db 901 TTGCTGTATCAAAATTAATGTTGCAATGTTGTTGCAAGCTTACAGTACAGTACCAATAT 960
Query 969 GTTGGCAATTCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1028
Db 961 GTTGGCAATTCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1020
Query 1029 ACTAATATACAGAGCTTTATCACTCTTCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1088
Db 1021 ACTAATATACAGAGCTTTATCACTCTTCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1080
Query 1089 GAGCAGGTTGGAATATTTTCTATCAGAGAGCTATTTGCAAGAGATTTTGACTAC 1148
Db 1081 GAGCAGGTTGGAATATTTTCTATCAGAGAGCTATTTGCAAGAGATTTTGACTAC 1140
Query 1149 TCTGCTTTAATTAATACAGTTTCAAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1208
Db 1141 TCTGCTTTAATTAATACAGTTTCAAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1200
Query 1209 TATAATTTGAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1268
Db 1201 TATAATTTGAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1260
Query 1269 CTAGGCTCTTATGCTAATTTAGTGGCTCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1328
Db 1261 CTAGGCTCTTATGCTAATTTAGTGGCTCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1320
Query 1329 CTTTGTATCCAAATATCATTAAATCTTGAATTCATATCAATGCTATTTTAAAGTCA 1388
Db 1321 CTTTGTATCCAAATATCATTAAATCTTGAATTCATATCAATGCTATTTTAAAGTCA 1380
Query 1389 ATAGATTTTATGATTAAGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1448
Db 1381 ATAGATTTTATGATTAAGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1440
Query 1449 CCACATCGCCCACTTCCAGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1508
Db 1441 CCACATCGCCCACTTCCAGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1500
Query 1509 TATATAATTCATATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1568
Db 1501 TATATAATTCATATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1560
Query 1569 AGGAGTTTATCTGAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1628

Db 1561 AGGATTTTATATCTGAAGAACATACATTAATAATACCTTAGAGAAAGATTTTGAC 1620
Qy 1629 CTGGCTTTAGATTAACCTGTGCAAGAAATGTATAGCAATATATGAAATTAACAC 1688
Db 1621 CTGGCTTTAGATTAACCTGTGCAAGAAATGTATAGCAATATATGAAATTAACAC 1680
Qy 1689 ACCCTTGTAAAGATA 1704
Db 1681 ACCCTTGTAAAGATA 1696
RESULT 15
US-10-719-205-3
Sequence 3, Application US/10719205
Publication No. US20040086971A1
GENERAL INFORMATION:
APPLICANT: Haldeman, Betty A.
APPLICANT: Thayer, Edward C.
APPLICANT: Sheppard, Paul O.
TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN
TITLE OF INVENTION: ZACRP3X2
FILE REFERENCE: 00-111
CURRENT APPLICATION NUMBER: US/10/719,205
CURRENT FILING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: US/10/012,605C
PRIOR FILING DATE: 2002-08-14
PRIOR APPLICATION NUMBER: US 60/254,019
PRIOR FILING DATE: 2000-12-07
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 1696
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (69)...(806)
US-10-719-205-3
Query Match 99.1%; Score 1696, DB 17, Length 1696;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1696; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 9 CCGGAGAGACCAAGCTCTGAGCTCTGTCTCTTCAGGAGAACCTGAGGCTCTGT 68
Db 1 CCGGAGAGACCAAGCTCTGAGCTCTGTCTCTTCAGGAGAACCTGAGGCTCTGT 60
Qy 69 TGAAGATCATGCTTTGAGAGCAGCTCATCTATGGAACATGCTGCTTTGTTTCTCC 128
Db 61 TGAAGATCATGCTTTGAGAGCAGCTCATCTATGGAACATGCTGCTTTGTTTCTCC 120
Qy 129 CTTTTCCTGTGTCAAGATGAATACATGAGAGCTTCCACAAACCGAGAGACTACCCCGAG 188
Db 121 CTTTTCCTGTGTCAAGATGAATACATGAGAGCTTCCACAAACCGAGAGACTACCCCGAG 180
Qy 189 ACTGAGATGAGTGTGTATGAGAGCTACAGCTTCGAGGCTACAAAGGCCCTGAGGC 248
Db 181 ACTGAGATGAGTGTGTATGAGAGCTACAGCTTCGAGGCTACAAAGGCCCTGAGGC 240
Qy 249 CACCGGCCCCCTGAGCATTCAGAGAAACATGAGAAACATGGAACATGAGAGCACTG 308
Db 241 CACCGGCCCCCTGAGCATTCAGAGAAACATGAGAAACATGGAACATGAGAGCACTG 300
Qy 309 GTCATGAGAGAGCCAAAGGTGAGAGGGGAGCAAAAGTGACTGAGGGGCTTGAGGGAGC 368
Db 301 GTCATGAGAGAGCCAAAGGTGAGAGGGGAGCAAAAGTGACTGAGGGGCTTGAGGGAGC 360
Qy 369 GGGGGAGAGATGGCCCAAGAGAGAGAGGAGTACCGGGAGTTCCACAGAACTTGA 428
Db 361 GGGGGAGAGATGGCCCAAGAGAGAGAGGAGTACCGGGAGTTCCACAGAACTTGA 420
Qy 429 TTGCATTCATGCTTCTGTGCAACCACTTCAGCAATCAGAAAGTGGATTAATCTTCA 488

Db 421 TTGCATTCATGCTTCTGTGCAACCACTTCAGCAATCAGAAAGTGGATTAATCTTCA 480
Qy 489 GCAGTGTGAGACCAACATTTGAAACCTTTGATGTCACTGACTGTGATTTGGGGCCC 548
Db 481 GCAGTGTGAGACCAACATTTGAAACCTTTGATGTCACTGACTGTGATTTGGGGCCC 540
Qy 549 CAGTATCAGGTGATTTCTTCACTTCAGAGATGATGAGCATGAGGATGTTGAGAG 608
Db 541 CAGTATCAGGTGATTTCTTCACTTCAGAGATGATGAGCATGAGGATGTTGAGAG 600
Qy 609 TGTATGTATCCTTATGCACAATGCGACACAGCTTTCAGATGATGATGAAATGA 668
Db 601 TGTATGTATCCTTATGCACAATGCGACACAGCTTTCAGATGATGATGAAATGA 660
Qy 669 AGGGCAATCAGATATCATCAGCAATCATGCTGTGTGAAGTATGACCAAGGGAGTGA 728
Db 661 AGGGCAATCAGATATCATCAGCAATCATGCTGTGTGAAGTATGACCAAGGGAGTGA 720
Qy 729 TTTGGCTGGGAATGGGCAATGGGCGCTCTCATGGGGACCAACAGCTTTCACCTTGG 788
Db 721 TTTGGCTGGGAATGGGCAATGGGCGCTCTCATGGGGACCAACAGCTTTCACCTTGG 780
Qy 789 CAGGATTCCTGCTTTTGAACCTAATATATATGACTGAATAGCTTTCAGTGGGA 848
Db 781 CAGGATTCCTGCTTTTGAACCTAATATATATGACTGAATAGCTTTCAGTGGGA 840
Qy 849 AGACTGTGAGCTGATTTGTTTGAATCTGAGAGAACTTAAAGTTGAGGTTTACA 908
Db 841 AGACTGTGAGCTGATTTGTTTGAATCTGAGAGAACTTAAAGTTGAGGTTTACA 900
Qy 909 TTGCTGTATTCAAAATAATGATGTTGCAATGTTGTCAGCTACAGGATCACCAATAT 968
Db 901 TTGCTGTATTCAAAATAATGATGTTGTCAGCTACAGGATCACCAATAT 960
Qy 969 GTTGAACAATCAAGGGCTCAGAGAAATCAACCAAAATAGCTTTCAGATGACCTTG 1028
Db 961 GTTGAACAATCAAGGGCTCAGAGAAATCAACCAAAATAGCTTTCAGATGACCTTG 1020
Qy 1029 ACTAATATCTCAGATCTTTATCACTCTTCTTGGACCTTAAAGATTAATCTTCTCT 1088
Db 1021 ACTAATATCTCAGATCTTTATCACTCTTCTTGGACCTTAAAGATTAATCTTCTCT 1080
Qy 1089 GACGAGTTGGAAATTTTCTTATCAGAGAACTTTCAGAAAGATTTGACTAC 1148
Db 1081 GACGAGTTGGAAATTTTCTTATCAGAGAACTTTCAGAAAGATTTGACTAC 1140
Qy 1149 TCTGCTTTAATTAATACAGTTTCAGAAACCTGAAAGTTTAAGTTCAATATCTT 1208
Db 1141 TCTGCTTTAATTAATACAGTTTCAGAAACCTGAAAGTTTAAGTTCAATATCTT 1200
Qy 1209 TATTAATTTGAGAGATGAGATGATGATATGACAGGGCTGGGGCAAGAACAGGGGCA 1268
Db 1201 TATTAATTTGAGAGATGAGATGATGATATGACAGGGCTGGGGCAAGAACAGGGGCA 1260
Qy 1269 CTAGCTGCTTATTAATTAATTAAGGCTCGAGGTTGAGCTTTCAGCTTTC 1328
Db 1261 CTAGCTGCTTATTAATTAATTAAGGCTCGAGGTTGAGCTTTCAGCTTTC 1320
Qy 1329 CTTTGTATCCAAATAATTAATTAATCTGTAATTCATATCAATGATGATTTTAAAGTCA 1388
Db 1321 CTTTGTATCCAAATAATTAATTAATCTGTAATTCATATCAATGATGATTTTAAAGTCA 1380
Qy 1389 ATAGATTTTATGATTAATGATGATGATGATGATGATGATGATGATGATGATGATG 1448
Db 1381 ATAGATTTTATGATTAATGATGATGATGATGATGATGATGATGATGATGATGATG 1440
Qy 1449 CCAATGCCCCCACTTGGAGTGTGGGCTCAGAGTGTGAGGTTCACTATTAACAAATG 1508
Db 1441 CCAATGCCCCCACTTGGAGTGTGGGCTCAGAGTGTGAGGTTCACTATTAACAAATG 1500
Qy 1509 TCATTAATATCTCATAGAGTACAGTGCATATGATTAATCAATGTTGATGACAG 1568
Db 1501 TCATTAATATCTCATAGAGTACAGTGCATATGATTAATCAATGTTGATGACAG 1560

```

Qy 1569 AGGGAATTTTAAATCTGAGAACATACCTATTAAATAATCCTTAGAGAAAGATTTTGAC 1628
    |||||
Db 1561 AGGGAATTTTAAATCTGAGAACATACCTATTAAATAATCCTTAGAGAAAGATTTTGAC 1620
    |||||
Qy 1629 CTGGCTTTAGATPAAACTGTGGCAAGAAAATGTATGAGCAATATATGAAAATTAACAC 1688
    |||||
Db 1621 CTGGCTTTAGATPAAACTGTGGCAAGAAAATGTATGAGCAATATATGAAAATTAACAC 1680
    |||||
Qy 1689 ACCTTTGTTAAAGATA 1704
    |||||
Db 1681 ACCTTTGTTAAAGATA 1696
    |||||

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Search completed: February 24, 2005, 10:19:00
 Job time : 1008 secs

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OM protein - protein search, using sw model

Run on: February 22, 2005, 20:12:04 ; Search time 43 Seconds

(without alignments)
427.062 Million cell updates/sec

Title: US-10-036-041-2

Perfect score: 1367
Sequence: 1 MIMROLIYQALLALFPLPFC.....LHGDRHSTFAGFLFETK 246

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%
Listing first 45 summaries

Database :

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6: /cgnu2_6/prodata/1/iaa/backfillseq1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1367	100.0	246	4	US-09-552-225A-2
2	1320.5	96.6	319	4	US-10-012-605C-2
3	1311	95.9	246	4	US-09-552-225A-12
4	625	45.7	123	4	US-09-621-976-6980
5	582	42.6	105	3	US-09-188-930-147
6	582	42.6	105	3	US-09-188-930-280
7	582	42.6	105	4	US-09-312-283C-147
8	582	42.6	105	4	US-09-312-283C-280
9	319	23.3	285	4	US-09-312-283C-382
10	316	23.1	294	3	US-09-188-930-294
11	316	23.1	294	4	US-09-312-283C-294
12	304	22.2	285	4	US-09-552-204A-2
13	297.5	21.8	258	4	US-09-976-594-815
14	296.5	21.7	260	4	US-09-489-847-198
15	296.5	21.7	287	4	US-09-489-847-349
16	294	21.5	247	2	US-08-463-911-2
17	294	21.5	247	4	US-09-776-976-4
18	294	21.5	247	4	US-09-909-547-4
19	293.5	21.5	231	4	US-09-530-423-2
20	293.5	21.5	244	2	US-08-463-911-7
21	293.5	21.5	244	3	US-09-140-804-3
22	293.5	21.5	244	4	US-09-336-536-20
23	293.5	21.5	244	4	US-09-530-423-1
24	293.5	21.5	244	4	US-09-686-838B-3
25	293.5	21.5	244	4	US-09-911-176B-48
26	293.5	21.5	244	4	US-09-552-225A-3
27	293.5	21.5	244	4	US-09-619-740-51

28	293.5	21.5	244	4	US-09-776-976-6	Sequence 6, App11
29	293.5	21.5	244	4	US-09-909-547-6	Sequence 6, App11
30	293.5	21.5	244	4	US-09-569-852B-6	Sequence 6, App11
31	293.5	21.5	244	4	US-09-552-204A-3	Sequence 3, App11
32	293	21.4	247	4	US-09-776-976-2	Sequence 2, App11
33	293	21.4	247	4	US-09-909-547-2	Sequence 2, App11
34	287	21.0	247	3	US-09-140-804-8	Sequence 8, App11
35	287	21.0	247	3	US-09-118-408-3	Sequence 3, App11
36	287	21.0	247	4	US-09-506-855-3	Sequence 3, App11
37	287	21.0	247	4	US-09-686-838B-8	Sequence 8, App11
38	287	21.0	247	4	US-09-911-176B-3	Sequence 3, App11
39	287	21.0	247	4	US-09-619-740-3	Sequence 3, App11
40	287	21.0	247	4	US-09-506-852-3	Sequence 3, App11
41	287	21.0	247	4	US-10-392-706-3	Sequence 3, App11
42	276.5	20.2	680	4	US-09-949-001-15	Sequence 15, App1
43	274	20.0	746	2	US-08-463-911-4	Sequence 4, App11
44	273	20.0	746	4	US-09-370-838-185	Sequence 185, App
45	273	20.0	746	4	US-09-854-133-185	Sequence 185, App

ALIGNMENTS

```

RESULT 1
; Sequence 2, Application US/09552225A
; Patent No. 6521233
; GENERAL INFORMATION:
; APPLICANT: Piddington, Christopher S.
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACRP3
; FILE REFERENCE: 99-09
; CURRENT FILING DATE: 2000-04-19
; PRIOR APPLICATION NUMBER: 60/130,199
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 246
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-552-225A-2

Query Match      100.0%; Score 1367; DB 4; Length 246;
Best Local Similarity 100.0%; Pred. No. 1.5e-129;
Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MIMROLIYQALLALFPLPFCICODEYMESPOFGALPPDSKCKCHGDSFRGOGPPPG 60
      |||||||
DB      1 MIMROLIYQALLALFPLPFCICODEYMESPOFGALPPDSKCKCHGDSFRGOGPPPG 60

QY      61 PGIPPNHNGNNGATGHEGAKGEGKDGDPGRGEGOHQPKGEGYGIPELQIAF 120
      |||||||
DB      61 PGIPPNHNGNNGATGHEGAKGEGKDGDPGRGEGOHQPKGEGYGIPELQIAF 120

QY      121 MASLATHFNSQNSGIIFFSVEETNIGFDPVMTGRFAPVSGYFFTFSMKHEDEVEYV 180
      |||||||
DB      121 MASLATHFNSQNSGIIFFSVEETNIGFDPVMTGRFAPVSGYFFTFSMKHEDEVEYV 180

QY      181 YLMHNGNTVFSYSTEYMKKSDTSSNHAVLKLAKGDEVLRMGNGALHGDHGRFTFPAF 240
      |||||||
DB      181 YLMHNGNTVFSYSTEYMKKSDTSSNHAVLKLAKGDEVLRMGNGALHGDHGRFTFPAF 240

QY      241 LLEFETK 246
      |||||||
DB      241 LLEFETK 246

RESULT 2
US-10-012-605C-2
; Sequence 2, Application US/10012605C
; Patent No. 6632748

```

```

; GENERAL INFORMATION:
; APPLICANT: Haldeman, Betty A.
; APPLICANT: Thayer, Edward C.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN
; FILE REFERENCE: 00-111
; CURRENT APPLICATION NUMBER: US/10/012, 605C
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: US 60/254, 019
; PRIOR FILING DATE: 2000-12-07
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 319
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-012-605C-2

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```

Query Match          96.6%; Score 1320.5; DB 4; Length 319;
Best Local Similarity 77.1%; Pred. No. 1,1e-124;
Matches 246; Conservative 0; Mismatches 0; Indels 73; Gaps 1;

```

```

QY 1 MLMROLIYWQLALFELPFCICODEYME----- 28
DB 1 MLMROLIYWQLALFELPFCICODEYMEVSGRTNKVARIYQSHQOTGSGSRRREKXRER 60
QY 29 -----SPQTGGLPPDCSCCHG 47
DB 61 SHPKTGYVDNNTSTDLKLRPEDELPHPEVDLAIQTITTFWGSPTGTGGLPPDCSCCHG 120
QY 48 SFRGYQGPFGPPGPPGIPGNHGNNGNNGATGHEGAKGEGKDGDLGPRGERGQHGPXGEX 107
DB 121 SFRGYQGPFGPPGPPGIPGNHGNNGNNGATGHEGAKGEGKDGDLGPRGERGQHGPXGEX 180
QY 108 GYPGIPEPLOTAFPMASLATHSNQNSGIISSSVETNIGNFPDVTGTRGAPVSGVYPTTF 167
DB 181 GYPGIPEPLOTAFPMASLATHSNQNSGIISSSVETNIGNFPDVTGTRGAPVSGVYPTTF 240
QY 168 SMKMKHEDVEEYVYLMHNGNTVFSMYSEYEMKGSPTSSNHAVLKLAKGDEYVLMNGAL 227
DB 241 SMKMKHEDVEEYVYLMHNGNTVFSMYSEYEMKGSPTSSNHAVLKLAKGDEYVLMNGAL 300
QY 228 HGDIHQRFSTPAGFLFETK 246
DB 301 HGDIHQRFSTPAGFLFETK 319

```

```

RESULT 3
US-09-552-225A-12
; Sequence 12, Application US/09552225A
; Patent No. 6521233
; GENERAL INFORMATION:
; APPLICANT: Piddington, Christopher S.
; APPLICANT: Bishop, Paul
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACRP3
; FILE REFERENCE: 99-09
; CURRENT APPLICATION NUMBER: US/09/552, 225A
; CURRENT FILING DATE: 2000-04-19
; PRIOR APPLICATION NUMBER: 60/130, 199
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 246
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-552-225A-12

```

```

Query Match          95.9%; Score 1311; DB 4; Length 246;
Best Local Similarity 95.9%; Pred. No. 6.7e-124;
Matches 236; Conservative 2; Mismatches 8; Indels 0; Gaps 0;

```

```

QY 1 MLMROLIYWQLALFELPFCICODEYMEVSGRTNKVARIYQSHQOTGSGSRRREKXRER 60
DB 1 MGRGRIMWHLPLFLPFCICODEYMEVSGRTNKVARIYQSHQOTGSGSRRREKXRER 60
QY 61 PGCIPEGNHGNNGNNGATGHEGAKGEGKDGDLGPRGERGQHGPXGEXPGIPEPLOTAF 120
DB 61 PGCIPEGNHGNNGNNGATGHEGAKGEGKDGDLGPRGERGQHGPXGEXPGIPEPLOTAF 120
QY 121 MASLATHFSNONGSIISSSVETNIGNFPDVTGTRGAPVSGVYPTTFSMKMKHEDVEEYV 180
DB 121 MASLATHFSNONGSIISSSVETNIGNFPDVTGTRGAPVSGVYPTTFSMKMKHEDVEEYV 180
QY 181 YLMHNGNTVFSMYSEYEMKGSPTSSNHAVLKLAKGDEYVLMNGALHGDIHQRFSTPAGF 240
DB 181 YLMHNGNTVFSMYSEYEMKGSPTSSNHAVLKLAKGDEYVLMNGALHGDIHQRFSTPAGF 240
QY 241 LLEFETK 246
DB 241 LLEFETK 246

```

```

RESULT 4
US-09-621-976-6980
; Sequence 6980, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621, 976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 6980
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 122
; OTHER INFORMATION: Xaa = Ala,Pro,Ser,Thr
; NAME/KEY: UNSURE
; LOCATION: 99
; OTHER INFORMATION: Xaa = Gly,Tyr
US-09-621-976-6980

```

```

Query Match          45.7%; Score 625; DB 4; Length 123;
Best Local Similarity 99.2%; Pred. No. 3.1e-55;
Matches 120; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 121 MASLATHFSNONGSIISSSVETNIGNFPDVTGTRGAPVSGVYPTTFSMKMKHEDVEEYV 180
DB 1 MASLATHFSNONGSIISSSVETNIGNFPDVTGTRGAPVSGVYPTTFSMKMKHEDVEEYV 60
QY 181 YLMHNGNTVFSMYSEYEMKGSPTSSNHAVLKLAKGDEYVLMNGALHGDIHQRFSTPAGF 240
DB 61 YLMHNGNTVFSMYSEYEMKGSPTSSNHAVLKLAKGDEYVLMNGALHGDIHQRFSTPAGF 120
QY 241 L 241
DB 121 L 121

```

```

RESULT 5
US-09-188-930-147
; Sequence 147, Application US/09188930A
; Patent No. 6150502
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew

```

```

; APPLICANT: Onrust, Rene
; APPLICANT: Murison, James Greg
; TITLE OF INVENTION: Compositions Isolated From Skin Cells
; TITLE OF INVENTION: and Methods For Their Use
; FILE REFERENCE: 11000.1011c1
; CURRENT APPLICATION NUMBER: US/09/188,930A
; CURRENT FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 348
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 147
; LENGTH: 105
; TYPE: prt
; ORGANISM: Rat
US-09-188-930-147
```

```

Query Match          42.6%; Score 582; DB 3; Length 105;
Best Local Similarity 93.3%; Pred. No. 5,3e-51;
Matches 98; Conservative 2; Mismatches 5; Indels 0; Gaps 0;
```

```

QY 1 MIMROLIYWQIALFLPFCCLCODEYMSPTQGLPPDCSKCCHDYSFRGYQGPPPG 60
   |||:|||||
DB 1 MIMROLIYWQIALFLPFCCLCODEYMSPTQGLPPDCSKCCHDYSFRGYQGPPPG 60
   |||:|||||

QY 61 PPGIGNHNNGNNGATGHEGAKGKGDKDGLGPRGERGQHPKG 105
   |||:|||||
DB 61 PPGIGNHNNGNNGATGHEGAKGKGDKDGLGPRGERGQHPKG 105
   |||:|||||
```

```

RESULT 6
US-09-188-930-280
; Sequence 280, Application US/09188930A
; Patent No. 6150502
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murison, James Greg
; TITLE OF INVENTION: Compositions Isolated From Skin Cells
; TITLE OF INVENTION: and Methods For Their Use
; FILE REFERENCE: 11000.1011c1
; CURRENT APPLICATION NUMBER: US/09/188,930A
; CURRENT FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 348
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 280
; LENGTH: 105
; TYPE: prt
; ORGANISM: Rat
US-09-188-930-280
```

```

Query Match          42.6%; Score 582; DB 3; Length 105;
Best Local Similarity 93.3%; Pred. No. 5,3e-51;
Matches 98; Conservative 2; Mismatches 5; Indels 0; Gaps 0;
```

```

QY 1 MIMROLIYWQIALFLPFCCLCODEYMSPTQGLPPDCSKCCHDYSFRGYQGPPPG 60
   |||:|||||
DB 1 MIMROLIYWQIALFLPFCCLCODEYMSPTQGLPPDCSKCCHDYSFRGYQGPPPG 60
   |||:|||||

QY 61 PPGIGNHNNGNNGATGHEGAKGKGDKDGLGPRGERGQHPKG 105
   |||:|||||
DB 61 PPGIGNHNNGNNGATGHEGAKGKGDKDGLGPRGERGQHPKG 105
   |||:|||||
```

```

RESULT 7
US-09-312-283C-147
; Sequence 147, Application US/09312283C
; Patent No. 6573095
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
```

```

; APPLICANT: Murison, James G.
; APPLICANT: Kumble, Krishanand D.
; TITLE OF INVENTION: Compositions Isolated from Skin Cells
; TITLE OF INVENTION: and Methods for Their Use
; FILE REFERENCE: 11000.1011c2
; CURRENT APPLICATION NUMBER: US/09/312,283C
; CURRENT FILING DATE: 1999-05-14
; NUMBER OF SEQ ID NOS: 425
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 147
; LENGTH: 105
; TYPE: prt
; ORGANISM: Mouse
US-09-312-283C-147
```

```

Query Match          42.6%; Score 582; DB 4; Length 105;
Best Local Similarity 93.3%; Pred. No. 5,3e-51;
Matches 98; Conservative 2; Mismatches 5; Indels 0; Gaps 0;
```

```

QY 1 MIMROLIYWQIALFLPFCCLCODEYMSPTQGLPPDCSKCCHDYSFRGYQGPPPG 60
   |||:|||||
DB 1 MIMROLIYWQIALFLPFCCLCODEYMSPTQGLPPDCSKCCHDYSFRGYQGPPPG 60
   |||:|||||

QY 61 PPGIGNHNNGNNGATGHEGAKGKGDKDGLGPRGERGQHPKG 105
   |||:|||||
DB 61 PPGIGNHNNGNNGATGHEGAKGKGDKDGLGPRGERGQHPKG 105
   |||:|||||
```

```

RESULT 8
US-09-312-283C-280
; Sequence 280, Application US/09312283C
; Patent No. 6573095
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murison, James G.
; APPLICANT: Kumble, Krishanand D.
; TITLE OF INVENTION: Compositions Isolated from Skin Cells
; TITLE OF INVENTION: and Methods for Their Use
; FILE REFERENCE: 11000.1011c2
; CURRENT APPLICATION NUMBER: US/09/312,283C
; CURRENT FILING DATE: 1999-05-14
; NUMBER OF SEQ ID NOS: 425
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 280
; LENGTH: 105
; TYPE: prt
; ORGANISM: Mouse
US-09-312-283C-280
```

```

Query Match          42.6%; Score 582; DB 4; Length 105;
Best Local Similarity 93.3%; Pred. No. 5,3e-51;
Matches 98; Conservative 2; Mismatches 5; Indels 0; Gaps 0;
```

```

QY 1 MIMROLIYWQIALFLPFCCLCODEYMSPTQGLPPDCSKCCHDYSFRGYQGPPPG 60
   |||:|||||
DB 1 MIMROLIYWQIALFLPFCCLCODEYMSPTQGLPPDCSKCCHDYSFRGYQGPPPG 60
   |||:|||||

QY 61 PPGIGNHNNGNNGATGHEGAKGKGDKDGLGPRGERGQHPKG 105
   |||:|||||
DB 61 PPGIGNHNNGNNGATGHEGAKGKGDKDGLGPRGERGQHPKG 105
   |||:|||||
```

```

RESULT 9
US-09-312-283C-382
; Sequence 382, Application US/09312283C
; Patent No. 6573095
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
```

```

; APPLICANT: Onrust, Rene
; APPLICANT: Murison, James G.
; APPLICANT: Kumble, Krishanand D.
; TITLE OF INVENTION: Compositions Isolated from Skin Cells
; FILE REFERENCE: 11000.1011c2
; CURRENT APPLICATION NUMBER: US/09/312,283C
; CURRENT FILING DATE: 1999-05-14
; NUMBER OF SEQ ID NOS: 425
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 382
; LENGTH: 285
; TYPE: PRT
; ORGANISM: Mouse
US-09-312-283C-382

```

```

Query Match      23.3%; Score 319; DB 4; Length 285;
Best Local Similarity 29.2%; Pred. No. 6.3e-24;
Matches 87; Conservative 40; Mismatches 89; Indels 82; Gaps 12;

```

```

QY 6 LIYQTLALFLPFLCFCODEYV-----ESPQTGLPPDCSKCHGDYFRGYGPPGP 59
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 1 MISMWLLAC-ALP---CAADPMLGAFARDFQKGGPOLVCS-----LPGQGP 45
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 60 GPPGIPGNHGNNGNNGATGHBGAKGKDGKGD-----L 92
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 46 GPPGAPGSSGMVGRMGFPKDGQDQDGDGDSGEBGPGRGTGNRKQKQPKKAGAI 105
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 93 GPRGR-----GQHPKKEKGYPGIP-----PELQIAFMASLATHSNONS 133
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 106 GPRGKGVSGTPGKKGIPGKKGKGPGLPGPCSCSSRAKSAFVSATKSPRRL 165
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 134 GIIFSVEVNIQNFDPVMTGRGAPVSGVYFPTFSM---KHEDVEEYVYVLMHNGTVF 190
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 166 PIKFKILNBEKGHNASSGKFCVSPGIYFTYDITLANH-----LAIGLVHNGQ--Y 218
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 191 SMYSYEMK-GKSDTSSNHAVLKLANGDEVLMR-----GNGALHGDHOFSTFAGFLF 243
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 219 RIRTFDANTGNHDVAGSTIILAKGDEVWLIQIFYSEQNGLFYDPTWDSLFTGFLY 276
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

```

```

RESULT 10
US-09-188-930-294
; Sequence 294, Application US/09188930A
; Patent No. 6150502
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Iorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murison, James Greg
; TITLE OF INVENTION: Compositions Isolated from Skin Cells
; FILE REFERENCE: 11000.1011c1
; CURRENT APPLICATION NUMBER: US/09/188,930A
; CURRENT FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 348
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 294
; LENGTH: 294
; TYPE: PRT
; ORGANISM: Rat
US-09-188-930-294

```

```

Query Match      23.1%; Score 316; DB 3; Length 294;
Best Local Similarity 28.9%; Pred. No. 1.3e-23;
Matches 86; Conservative 41; Mismatches 89; Indels 82; Gaps 12;

```

```

QY 6 LIYQTLALFLPFLCFCODEYV-----ESPQTGLPPDCSKCHGDYFRGYGPPGP 59
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 10 MISMWLLAC-ALP---CAADPMLGAFARDFQKGGPOLVCS-----LPGQGP 54
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 60 GPPGIPGNHGNNGNNGATGHBGAKGKDGKGD-----L 92
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

```

```

DB 55 GPPGAPGSSGMVGRMGFPKDGQDQDGDGDSGEBGPGRGTGNRKQKQPKKAGAI 114
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 93 GPRGR-----GQHPKKEKGYPGIP-----PELQIAFMASLATHSNONS 133
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 115 GPPGAPGSSGMVGRMGFPKDGQDQDGDGDSGEBGPGRGTGNRKQKQPKKAGAI 174
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 134 GIIFSVEVNIQNFDPVMTGRGAPVSGVYFPTFSM---KHEDVEEYVYVLMHNGTVF 190
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 175 PIKFKILNBEKGHNASSGKFCVSPGIYFTYDITLANH-----LAIGLVHNGQ--Y 227
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 191 SMYSYEMK-GKSDTSSNHAVLKLANGDEVLMR-----GNGALHGDHOFSTFAGFLF 243
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 228 RIRTFDANTGNHDVAGSTIILAKGDEVWLIQIFYSEQNGLFYDPTWDSLFTGFLY 285
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

```

```

RESULT 11
US-09-312-283C-294
; Sequence 294, Application US/09312283C
; Patent No. 6573095
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Iorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murison, James G.
; APPLICANT: Kumble, Krishanand D.
; TITLE OF INVENTION: Compositions Isolated from Skin Cells
; FILE REFERENCE: 11000.1011c2
; CURRENT APPLICATION NUMBER: US/09/312,283C
; CURRENT FILING DATE: 1999-05-14
; NUMBER OF SEQ ID NOS: 425
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 294
; LENGTH: 294
; TYPE: PRT
; ORGANISM: Mouse
US-09-312-283C-294

```

```

QY 6 LIYQTLALFLPFLCFCODEYV-----ESPQTGLPPDCSKCHGDYFRGYGPPGP 59
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 10 MISMWLLAC-ALP---CAADPMLGAFARDFQKGGPOLVCS-----LPGQGP 54
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 60 GPPGIPGNHGNNGNNGATGHBGAKGKDGKGD-----L 92
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 55 GPPGAPGSSGMVGRMGFPKDGQDQDGDGDSGEBGPGRGTGNRKQKQPKKAGAI 114
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 93 GPRGR-----GQHPKKEKGYPGIP-----PELQIAFMASLATHSNONS 133
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 115 GPPGAPGSSGMVGRMGFPKDGQDQDGDGDSGEBGPGRGTGNRKQKQPKKAGAI 174
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 134 GIIFSVEVNIQNFDPVMTGRGAPVSGVYFPTFSM---KHEDVEEYVYVLMHNGTVF 190
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 175 PIKFKILNBEKGHNASSGKFCVSPGIYFTYDITLANH-----LAIGLVHNGQ--Y 227
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 191 SMYSYEMK-GKSDTSSNHAVLKLANGDEVLMR-----GNGALHGDHOFSTFAGFLF 243
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 228 RIRTFDANTGNHDVAGSTIILAKGDEVWLIQIFYSEQNGLFYDPTWDSLFTGFLY 285
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

```

```

Query Match      23.1%; Score 316; DB 4; Length 294;
Best Local Similarity 28.9%; Pred. No. 1.3e-23;
Matches 86; Conservative 41; Mismatches 89; Indels 82; Gaps 12;

```

```

RESULT 12
US-09-552-204A-2
; Sequence 2, Application US/09552204A
; Patent No. 6620909
; GENERAL INFORMATION:
; APPLICANT: Piddington, Christopher S.
; APPLICANT: Bishop, Paul D.
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACBP2

```

```

; FILE REFERENCE: 99-08
; CURRENT APPLICATION NUMBER: US/09/552,204A
; CURRENT FILING DATE: 2000-04-19
; PRIOR APPLICATION NUMBER: 60/130,207
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 285
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-552-204A-2

```

```

Query Match      22.2%; Score 304; DB 4; Length 285;
Best Local Similarity 29.6%; Pred. No. 2e-22;
Matches 73; Conservative 42; Mismatches 74; Indels 58; Gaps 9;

```

```

QY 48 SRRGVDGPPGPPGPP-----GIP---GNHNNNGNNGATGHEGAKGKGDKDLGPR 95
DB 37 SLPGPGPPGPPGAPGPPGMMGMPGPKDQDGHGDDGDSGEGKPPGRTGNGKPGPK 96
QY 96 GER-----GQHPKGEKGYGIP-----PELOIAFMASL 124
DB 97 GRAGAIGRAGPPGPKGVNTPGKHGTGPKGKKGKGGELPQPCSGSGHTKSAPSAV 156
QY 125 ATFFSNONGIIFSSVETNIGNFVDYMGPFAPVSGVYFETFSMW---KHEDVEEVYV 181
DB 157 TQSYPRERLPKIKEDKILMEGGHYNASGKFGVGVGYFYFYDITLANH-----LAIG 211
QY 182 LHNHNTVTSMTSYEMK-GKSDTSSNHAIVLKLAKGEVLM-----GNALHGHORFST 236
DB 212 LVHNGQ--YRIRTFDANTGNHVAAGSTTILALKGDEVLQIFYSQNGLFPDYPWTSL 269
QY 237 FAGFLIF 243
DB 270 FTFGLIF 276

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RESULT 13

```

US-09-976-594-815
; Sequence 815, Application US/09976594
; Patent No. 6673549
; GENERAL INFORMATION:
; APPLICANT: Futress, Michael
; APPLICANT: Buchbinder, Jenny
; TITLE OF INVENTION: GENES EXPRESSED IN C3A LIVER CELL CULTURES TREATED WITH STEROIDS
; FILE REFERENCE: PA-0041 US
; CURRENT APPLICATION NUMBER: US/09/976,594
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/240,409
; PRIOR FILING DATE: 2000-10-12
; NUMBER OF SEQ ID NOS: 1143
; SOFTWARE: PERL Program
; SEQ ID NO 815
; LENGTH: 258
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. 6673549 170915CD1
US-09-976-594-815

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Query Match      21.8%; Score 297.5; DB 4; Length 258;
Best Local Similarity 34.2%; Pred. No. 8e-22;
Matches 76; Conservative 32; Mismatches 89; Indels 25; Gaps 8;

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QY 29 SPPTGALPPDSCSCCHGDYSFRGYQPPGPPGPPGIPGNHGNNGNNGATGHEGAKGKGD 88
DB 53 SEQSGAPP--STLVQPGPGKPGRTGKPPGPPGPPGPP-----GPPGPPVPPGPKGE 101
QY 89 KQDLGPRG--ERQGHGPKGEGYGPGLPELOIAFMASLATHFSNONG--IIFSSVETN 143
DB 102 PKRGPGPLGAGGSAISATITTYV---RVAFYGL-----KNPHEGYVLAKFDVYTN 154

```

```

QY 144 IGFNDVMTGRGAVSGVYFTFS-MMKHEDVEEVYVILMNGNTVFSMTSEMKKSD 202
DB 155 LGNNYDAASGKCTCINPITYFTYVLMRGGGTSMADLCNKGVRASALADQDNVD 214
QY 203 TSSNHAIVLKLAKGEVLMRGNGALH-GDHORFSTFAGFLIF 243
DB 215 YASNSVILHLADGEVFTKLQGGKHAHGNSKYSIFSGFIIF 256

```

RESULT 14

```

US-09-489-847-198
; Sequence 198, Application US/09489847
; Patent No. 6476195
; GENERAL INFORMATION:
; APPLICANT: Rosen et al
; TITLE OF INVENTION: 98 Human Secreted Proteins
; FILE REFERENCE: P2031PI
; CURRENT APPLICATION NUMBER: US/09/489,847
; CURRENT FILING DATE: 2000-01-24
; EARLIER APPLICATION NUMBER: PCT/US99/17130
; EARLIER FILING DATE: 1999-07-29
; EARLIER APPLICATION NUMBER: 60/094,657
; EARLIER FILING DATE: 1998-07-30
; EARLIER APPLICATION NUMBER: 60/095,486
; EARLIER FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: 60/096,319
; EARLIER FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: 60/095,454
; EARLIER FILING DATE: 1998-08-06
; EARLIER APPLICATION NUMBER: 60/095,455
; EARLIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 198
; LENGTH: 260
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (260)
; OTHER INFORMATION: Xaa equals stop translation
US-09-489-847-198

```

```

Query Match      21.7%; Score 296.5; DB 4; Length 260;
Best Local Similarity 29.2%; Pred. No. 1e-21;
Matches 79; Conservative 34; Mismatches 95; Indels 63; Gaps 10;

```

```

QY 9 KQLLALFPLPFLCQDEYHESFOTGLPPDCKCC-----HGDS 48
DB 10 MAALLFLF---MCEIPVLETFEDRAVADCCQCCDSEDPDPAHVSSASSGPPALPE 66
QY 49 FRGY-----QGPDPGPPGPIGNHGNNGNNGATGHEGAKGKGDKDLGPRGERGQH 102
DB 67 IRPYINITLTKDQKDPGWMGLPGYMGREGPGGEPGQSKD----- 109
QY 103 PGEKGYGIPPELOIAFNA-----SLATHFSNONGIIFSSVETNIGNFVDYMGPFAP 157
DB 110 -KGEMSGPAP--CQGRFPAFVGKRTALHSGEDFQTLIFERVYVLLDGCDFMATQGFNA 166
QY 158 PVSQVYFFTFSSMKHE-DVEEYVYVILMNGNTVFSMTSEMKKSDTSSNHAIVLKLAKGD 216
DB 167 PLRGYIFFSLNV--HSMWYKETYVHIMHQKAVILYA-QPSERSIMQSQSVMLDLAYGD 223
QY 217 EYWLRM-----GNGLHGHORFSTFAGFLI 242
DB 224 RYWRVRLFKQRENATYSNDPDTYITFSGHLI 254

```

RESULT 15

```

US-09-489-847-349
; Sequence 349, Application US/09489847
; Patent No. 6476195

```

```

; GENERAL INFORMATION:
; APPLICANT: Rosen et al
; TITLE OF INVENTION: 98 Human Secreted Proteins
; FILE REFERENCE: P2031p
; CURRENT APPLICATION NUMBER: US/09/489,847
; CURRENT FILING DATE: 2000-01-24
; EARLIER APPLICATION NUMBER: PCT/US99/17130
; EARLIER FILING DATE: 1999-07-29
; EARLIER APPLICATION NUMBER: 60/094,657
; EARLIER FILING DATE: 1998-07-30
; EARLIER APPLICATION NUMBER: 60/095,486
; EARLIER FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: 60/096,319
; EARLIER FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: 60/095,454
; EARLIER FILING DATE: 1998-08-06
; EARLIER APPLICATION NUMBER: 60/095,455
; EARLIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 349
; LENGTH: 287
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-489-847-349

Query Match      21.7%; Score 296.5; DB 4; Length 287;
Best Local Similarity 29.2%; Pred. No. 1,2e-21;
Matches 79; Conservative 34; Mismatches 95; Indels 63; Gaps 10;

QY      9 WQLALFPLPCLCODEYMESEPQTGGLPPDCSKC-----HGDYS 48
DB      38 WQALLLFL--MCEIPWELTFDRAVASDCORCCDSEDPIDPAVSSASSSGRPHALPE 94
QY      49 FRGY-----QGPPEPPGPPIPGNHGNNNGATGHEGAKGEKDKGDLGPRGERGQHG 102
DB      95 IRPYINITILKDGKDPGPMGLPGYMGREGPGGEPGQSGKD----- 137
QY      103 PKGEKGYPGIIPPELQIAFMA-----SLATHFSNQNSGIIFFSVETINIGNFPDVMTGRFGA 157
DB      138 -KGEMGSPGAP--CQKRFAPSVGKRYALHSGEDPQTILFERFVNLDGCFDMATGQPA 194
QY      158 PVSQVYFFTFPSMMKHE-DVEEYVYVLMHNGNTVFSMYSYEMKGSKSDTSSNHAVALKLAKGD 216
DB      195 PLRGIVYFSLNV--HSMVYKETYVHIMENQKAVILYA-QPSERSIMQSQSVMLDLAYGD 251
QY      217 EYWLIM-----GNGALHGDHQRSTFAGFL 242
DB      252 RYVWRLFKRQRENALYSNDFTYITFSGLI 282

```

Search completed: February 22, 2005, 20:24:29
Job time : 44 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2005 CompuGen Ltd.

OM protein - protein search, using SW model

Run on: February 22, 2005, 20:21:30 ; Search time 134 Seconds

(without alignments)
600.756 Million cell updates/sec

Title: us-10-036-041-2

Perfect score: 1367
Sequence: 1 MWMRLIVYQGLAFPLPFC.....LHGDHGRSTFAGFLPFRK 246Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1380268 seqs, 327241040 residues

Total number of hits satisfying chosen parameters: 1380268

Minimum DB seq length: 0

Maximum DB seq length: 200000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

Published Applications AA:
1: /cgn2_6/ptodata/2/pubppaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/2/pubppaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/2/pubppaa/US06_NEW_PUB.pep:*
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8: /cgn2_6/ptodata/2/pubppaa/US08_PUBCOMB.pep:*
9: /cgn2_6/ptodata/2/pubppaa/US09_PUBCOMB.pep:*
10: /cgn2_6/ptodata/2/pubppaa/US09_PUBCOMB.pep:*
11: /cgn2_6/ptodata/2/pubppaa/US09C_PUBCOMB.pep:*
12: /cgn2_6/ptodata/2/pubppaa/US09_NEW_PUB.pep:*
13: /cgn2_6/ptodata/2/pubppaa/US10_PUBCOMB.pep:*
14: /cgn2_6/ptodata/2/pubppaa/US10_PUBCOMB.pep:*
15: /cgn2_6/ptodata/2/pubppaa/US10C_PUBCOMB.pep:*
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17: /cgn2_6/ptodata/2/pubppaa/US10_NEW_PUB.pep:*
18: /cgn2_6/ptodata/2/pubppaa/US11_NEW_PUB.pep:*
19: /cgn2_6/ptodata/2/pubppaa/US60_NEW_PUB.pep:*
20: /cgn2_6/ptodata/2/pubppaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1367	100.0	246	10	US-09-931-836-2
2	1367	100.0	246	13	US-10-036-342-2
3	1367	100.0	246	13	US-10-036-041-2
4	1367	100.0	246	14	US-10-035-855-2
5	1367	100.0	246	14	US-10-036-214-2
6	1367	100.0	246	14	US-10-035-719-2
7	1367	100.0	246	14	US-10-036-160-2
8	1367	100.0	246	14	US-10-035-958-2
9	1367	100.0	246	14	US-10-036-158-2
10	1367	100.0	246	14	US-10-036-063-2
11	1367	100.0	246	14	US-10-035-977-2
12	1367	100.0	246	14	US-10-321-164-2
13	1367	100.0	246	15	US-10-236-392-68

	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45																																																																																																																																					
US-09-931-836-2	1367	100.0	246	15	US-10-332-947-38	1320.5	96.6	319	14	US-10-012-605C-2	1320.5	96.6	319	15	US-10-719-205-2	1320.5	96.6	319	15	US-10-332-947-37	1311	95.9	246	14	US-10-321-164-12	1226.5	89.7	225	15	US-10-236-392-66	1208	88.4	225	14	US-10-091-458-41	1208	88.4	225	15	US-10-191-254-41	792.5	58.0	223	15	US-10-169-395-39	582	42.6	105	10	US-09-866-050A-147	582	42.6	105	10	US-09-866-050A-280	453	33.1	75	15	US-10-385-015-10	325	23.8	267	15	US-10-327-947-45	319	23.3	285	10	US-09-866-050A-382	316	23.1	294	10	US-09-866-050A-294	315.5	23.1	288	14	US-10-203-708-30	315	23.0	289	15	US-10-411-120-59	315	23.0	289	15	US-10-451-168-106	315	23.0	289	16	US-10-408-765A-1762	315	23.0	303	14	US-10-234-000-2	315	23.0	303	14	US-10-203-708-31	313	22.9	294	14	US-10-236-055A-8	309	22.6	289	14	US-10-234-000-15	308	22.5	289	10	US-09-866-050A-630	306	22.4	314	15	US-10-264-049-2619	306	22.4	330	14	US-10-236-055A-6	306	22.4	330	15	US-10-162-335-30	306	22.4	331	15	US-10-220-120-354	304	22.2	285	14	US-10-234-000-5	304	22.2	285	15	US-10-411-120-60	304	22.2	285	15	US-10-411-120-88	304	22.2	285	15	US-10-621-787-2	304	22.2	285	15	US-10-621-787-2

ALIGNMENTS

RESULT 1
US-09-931-836-2
; Sequence 2, Application US/09931836
; Publication No. US20030027249A1
GENERAL INFORMATION:
; APPLICANT: Desnyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P30J0R1C1
; CURRENT APPLICATION NUMBER: US/09/931, 836
; PRIOR FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/112514
; PRIOR FILING DATE: 1998-12-15
; PRIOR APPLICATION NUMBER: 60/113300
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/113430
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113605
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113621
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/114140
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/115552
; PRIOR FILING DATE: 1999-01-12

PRIOR APPLICATION NUMBER: 60/116843
PRIOR FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 60/125774
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/125778
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/125826
PRIOR FILING DATE: 1999-03-24
PRIOR APPLICATION NUMBER: 60/127035
PRIOR FILING DATE: 1999-03-31
PRIOR APPLICATION NUMBER: 60/127706
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 60/129122
PRIOR FILING DATE: 1999-04-13
PRIOR APPLICATION NUMBER: 60/130359
PRIOR FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: 60/131270
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131272
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131291
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/132371
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/132379
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/132383
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/135750
PRIOR FILING DATE: 1999-05-25
PRIOR APPLICATION NUMBER: 60/138166
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/144791
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/146970
PRIOR FILING DATE: 1999-08-03
PRIOR APPLICATION NUMBER: 60/162506
PRIOR FILING DATE: 1999-10-29
PRIOR APPLICATION NUMBER: 09/311832
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 09/380142
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/644848
PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 09/747259
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: 09/816744
PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 09/854208
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/854280
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/874503
PRIOR FILING DATE: 2001-06-05
PRIOR APPLICATION NUMBER: 09/869599
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: 09/908, 827
PRIOR FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US99/10733
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/US99/28551
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30720
PRIOR FILING DATE: 1999-12-22
PRIOR APPLICATION NUMBER: PCT/US00/05601
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR FILING DATE: 2000-03-02
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US00/15264
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: PCT/US00/23522

PRIOR FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: PCT/US00/23328
PRIOR FILING DATE: 2000-08-24
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: PCT/US00/34956
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: PCT/US01/06520
PRIOR FILING DATE: 2001-06-28
PRIOR APPLICATION NUMBER: PCT/US01/17800
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: PCT/US01/19692
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 2
LENGTH: 246
TYPE: PRT
ORGANISM: Homo Sapien
US-09-931-836-2

Query Match 100.0%; Score 1367; DB 10; Length 246;
Best Local Similarity 100.0%; Pred. No. 7e-117;
Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MMRQLIYQQLALPFLPCLCODEYMSPTQGGIIPDCKCKCHDDYFRGYQGPBPBG 60
DB 1 MMRQLIYQQLALPFLPCLCODEYMSPTQGGIIPDCKCKCHDDYFRGYQGPBPBG 60
QY 61 PGGIPGNHNNNGNNGATGHEGAKGKGDKGDLGPRGEGOGHPKGEKGYPGIPELQIAF 120
DB 61 PGGIPGNHNNNGNNGATGHEGAKGKGDKGDLGPRGEGOGHPKGEKGYPGIPELQIAF 120
QY 121 MASLATHFNONSGIIFSSVETINIGNFPDVTGTRGAPVSGVYFTFSMKHEDVEEYV 180
DB 121 MASLATHFNONSGIIFSSVETINIGNFPDVTGTRGAPVSGVYFTFSMKHEDVEEYV 180
QY 181 YLMENGNIVFSMYSYEMKSKSDTSSNHAVALKLAKDEYVLMNGNCAHGHORFSTPAGF 240
DB 181 YLMENGNIVFSMYSYEMKSKSDTSSNHAVALKLAKDEYVLMNGNCAHGHORFSTPAGF 240
QY 241 LLEETK 246
DB 241 LLEETK 246

RESULT 2
US-10-036-342-2
Sequence 2, Application US/10036342
Publication No. US20020090681A1
GENERAL INFORMATION:
APPLICANT: Deenoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Aubstin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3030R1C5
CURRENT APPLICATION NUMBER: US/10/036,342
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/112514
PRIOR FILING DATE: 1998-12-15

PRIOR APPLICATION NUMBER: 60/113300
PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/113430
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113605
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113621
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/114140
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/115552
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/116843
PRIOR FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 60/125774
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/125778
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PRIOR APPLICATION NUMBER: 60/125826
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PRIOR APPLICATION NUMBER: 60/127035
PRIOR FILING DATE: 1999-03-31
PRIOR APPLICATION NUMBER: 60/127706
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PRIOR APPLICATION NUMBER: 60/130359
PRIOR FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: 60/131270
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131272
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131291
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/132371
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PRIOR APPLICATION NUMBER: 60/132379
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/13283
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/135750
PRIOR FILING DATE: 1999-05-25
PRIOR APPLICATION NUMBER: 60/138166
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/144791
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/146970
PRIOR FILING DATE: 1999-08-03
PRIOR APPLICATION NUMBER: 60/162506
PRIOR FILING DATE: 1999-10-29
PRIOR APPLICATION NUMBER: 09/311832
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 09/380142
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/644848
PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 09/747259
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: 09/816744
PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 09/854208
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/854280
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/874503
PRIOR FILING DATE: 2001-06-05
PRIOR APPLICATION NUMBER: 09/869599
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: 09/908,827
PRIOR FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US99/10733
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/US99/28551

PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30720
PRIOR FILING DATE: 1999-12-22
PRIOR APPLICATION NUMBER: PCT/US00/05601
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR FILING DATE: 2000-03-02
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US00/15264
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: PCT/US00/23522
PRIOR FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: PCT/US00/23328
PRIOR FILING DATE: 2000-08-24
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: PCT/US00/34956
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: PCT/US01/06520
PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: PCT/US01/17800
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: PCT/US01/19692
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 2
LENGTH: 246
TYPE: PRT
ORGANISM: Homo Sapien
US-10-036-342-2

Query Match 100.0%; Score 1367; DB 13; Length 246;
Best Local Similarity 100.0%; Pred. No. 7e-117;
Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLMRLIYWQLLALFLPFLCQDEYVESPTGGLPPDCSKCHDYSFRGYQGPFGPG 60
DB 1 MLMRLIYWQLLALFLPFLCQDEYVESPTGGLPPDCSKCHDYSFRGYQGPFGPG 60
QY 61 PPGIFGNHNNNGNNGATGHEGAKGKGDGLGPRGERGQHPKKEKGYPGIPELQIAF 120
DB 61 PPGIFGNHNNNGNNGATGHEGAKGKGDGLGPRGERGQHPKKEKGYPGIPELQIAF 120
QY 121 MASLATHSNQNSGIIIFSSVEFNINFPDVMTRGAPVSGVYFTFSMMKHEDVEEYV 180
DB 121 MASLATHSNQNSGIIIFSSVEFNINFPDVMTRGAPVSGVYFTFSMMKHEDVEEYV 180
QY 181 YLMHNGNTVFSMYSTEMKSDTSSNHAIVLKLAKDEYVLRMGALHGDHORFSTFAGF 240
DB 181 YLMHNGNTVFSMYSTEMKSDTSSNHAIVLKLAKDEYVLRMGALHGDHORFSTFAGF 240
QY 241 LLEFETK 246
DB 241 LLEFETK 246

RESULT 3
US-10-036-041-2
Sequence 2, Application US/10036041
Publication No. US20020192751A1
GENERAL INFORMATION:
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.

APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3030R1C8
CURRENT APPLICATION NUMBER: US/10/036, 041
CURRENT FILING DATE: 2001-12-26
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/112514
PRIOR FILING DATE: 1998-12-15
PRIOR APPLICATION NUMBER: 60/113300
PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/113430
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113605
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113621
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/114140
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/115552
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/116843
PRIOR FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 60/125774
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/125778
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/125826
PRIOR FILING DATE: 1999-03-24
PRIOR APPLICATION NUMBER: 60/127035
PRIOR FILING DATE: 1999-03-31
PRIOR APPLICATION NUMBER: 60/127706
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 60/129122
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PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/135750
PRIOR FILING DATE: 1999-05-25
PRIOR APPLICATION NUMBER: 60/138166
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PRIOR APPLICATION NUMBER: 60/146970
PRIOR FILING DATE: 1999-08-03
PRIOR APPLICATION NUMBER: 60/162506
PRIOR FILING DATE: 1999-10-29
PRIOR APPLICATION NUMBER: 09/311832
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 09/380142
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/644848
PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 09/747259
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: 09/816744
PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 09/854208

PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/854280
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/874503
PRIOR FILING DATE: 2001-06-05
PRIOR APPLICATION NUMBER: 09/869599
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: 09/908, 827
PRIOR FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US99/10733
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/US99/28551
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30720
PRIOR FILING DATE: 1999-12-22
PRIOR APPLICATION NUMBER: PCT/US00/05601
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR FILING DATE: 2000-03-02
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US00/15264
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: PCT/US00/23522
PRIOR FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: PCT/US00/23328
PRIOR FILING DATE: 2000-08-24
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: PCT/US00/34956
PRIOR FILING DATE: 2000-12-20
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PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: PCT/US01/17800
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: PCT/US01/19692
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 2
LENGTH: 246
TYPE: PRT
ORGANISM: Homo Sapien
US-10-036-041-2
Query Match 100.0%; Score 1367; DB 13; Length 246;
Best Local Similarity 100.0%; Pred. No. 7e-117;
Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MTRQLIYQQLALFPLPCLCODEYVESPTGGLPPDCSKCHDDYSFRGQGPFG 60
DB 1 MTRQLIYQQLALFPLPCLCODEYVESPTGGLPPDCSKCHDDYSFRGQGPFG 60
QY 61 PPGIPGNHNGNNGNGATGHEGAKGEGKDGDDGPPGERGQHPKXEEKYPGIPELQIAF 120
DB 61 PPGIPGNHNGNNGNGATGHEGAKGEGKDGDDGPPGERGQHPKXEEKYPGIPELQIAF 120
QY 121 MASLATHFNSNGSGLIFSSVETNIGNFPDVTGFRGAPVSGVYFTFSMKKIEDVEEYV 180
DB 121 MASLATHFNSNGSGLIFSSVETNIGNFPDVTGFRGAPVSGVYFTFSMKKIEDVEEYV 180
QY 181 YLMHNGNTVFSWYSYEMKSKDTSNHAVALKLAKGDEFVLRNGNALHGDHORESTFAGF 240
DB 181 YLMHNGNTVFSWYSYEMKSKDTSNHAVALKLAKGDEFVLRNGNALHGDHORESTFAGF 240
QY 241 LLEETK 246
DB 241 LLEETK 246

RESULT 4
US-10-035-855-2
Sequence 2, Application US/10035855
Publication No. US2003008348A1
GENERAL INFORMATION:
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Gddard, Audrey
APPLICANT: Gddowski, Paul J.
APPLICANT: Gutney, Austen L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3030R1C4
CURRENT APPLICATION NUMBER: US/10/035,855
PRIOR FILING DATE: 2001-12-26
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/112514
PRIOR FILING DATE: 1998-12-15
PRIOR APPLICATION NUMBER: 60/113300
PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/113430
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113605
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113621
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/114140
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/115552
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/116843
PRIOR FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 60/125774
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/125778
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/125826
PRIOR FILING DATE: 1999-03-24
PRIOR APPLICATION NUMBER: 60/127035
PRIOR FILING DATE: 1999-03-31
PRIOR APPLICATION NUMBER: 60/127706
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 60/129122
PRIOR FILING DATE: 1999-04-13
PRIOR APPLICATION NUMBER: 60/130359
PRIOR FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: 60/131270
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131272
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PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/132371
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PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/132383
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/135750
PRIOR FILING DATE: 1999-05-25
PRIOR APPLICATION NUMBER: 60/138166
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/144791
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/146970
PRIOR FILING DATE: 1999-08-03
PRIOR APPLICATION NUMBER: 60/162506

PRIOR FILING DATE: 1999-10-29
PRIOR APPLICATION NUMBER: 09/311832
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 09/380142
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/644848
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PRIOR FILING DATE: 2000-12-20
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PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 09/854208
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/854280
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/874503
PRIOR FILING DATE: 2001-06-05
PRIOR APPLICATION NUMBER: 09/869599
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: 09/908,827
PRIOR FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US99/10733
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/US99/28551
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30720
PRIOR FILING DATE: 1999-12-22
PRIOR APPLICATION NUMBER: PCT/US00/05601
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR FILING DATE: 2000-03-02
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US00/15264
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: PCT/US00/23522
PRIOR FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: PCT/US00/23328
PRIOR FILING DATE: 2000-08-24
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: PCT/US00/34956
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: PCT/US01/06520
PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: PCT/US01/17800
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: PCT/US01/19692
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 2
LENGTH: 246
TYPE: PRT
ORGANISM: Homo Sapien
US-10-035-855-2
Query Match 100.0%; Score 13671, DB 14; Length 246;
Best Local Similarity 100.0%; Pred. No. 7e-117;
Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MLMROLIYQMLIALFFLPFCCLCODEYMSPTQGLPPDCSKCHGDYSPRGYQGPGRPG 60
DB 1 MLMROLIYQMLIALFFLPFCCLCODEYMSPTQGLPPDCSKCHGDYSPRGYQGPGRPG 60
QY 61 PPGIPGNHGNNGNNGATGHEGAKGKGDGLGPRGERGQHPKCEKGYPGIPELQIAF 120
DB 61 PPGIPGNHGNNGNNGATGHEGAKGKGDGLGPRGERGQHPKCEKGYPGIPELQIAF 120
QY 121 MASLATHTSNQNSGIIIPSSVETINIGNFDMVMTGRGAVSGVYFTFTFSMKHEDVEEYV 180

|||||
Db 121 MASLAFRSONSGIIFSVETINCFDVTGTGFGAPVSGVYFFTSMMKHEDVEYV 180
QY 181 YLMHNGTVFSMYSEMGKSDTSSNAVLTLAAGDEVWLMNGALHGHORSTPAGF 240
Db 181 YLMHNGTVFSMYSEMGKSDTSSNAVLTLAAGDEVWLMNGALHGHORSTPAGF 240
QY 241 LLEFETK 246
Db 241 LLEFETK 246
RESULT 5
US-10-036-214-2
Sequence 2, Application US/10036214
Publication No. US20030032061A1
GENERAL INFORMATION:
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3030R1C11
CURRENT APPLICATION NUMBER: US/10/036.214
CURRENT FILING DATE: 2001-12-26
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/112514
PRIOR FILING DATE: 1998-12-15
PRIOR APPLICATION NUMBER: 60/113300
PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/113430
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113605
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113621
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/114140
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/115552
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/116843
PRIOR FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 60/125774
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/125778
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/125826
PRIOR FILING DATE: 1999-03-24
PRIOR APPLICATION NUMBER: 60/127035
PRIOR FILING DATE: 1999-03-31
PRIOR APPLICATION NUMBER: 60/127706
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 60/129122
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;; PRIOR APPLICATION NUMBER: PCT/US01/21735
;; PRIOR FILING DATE: 2001-07-09
;; NUMBER OF SEQ ID NOS: 80
;; SEQ ID NO 2
;; LENGTH: 246
;; TYPE: PRT
;; ORGANISM: Homo Sapien
US-10-036-214-2

Query Match 100.0%; Score 1367; DB 14; Length 246;

Best Local Similarity 100.0%; Pred. No. 7e-117;
Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 MWMROLIYWQIALAFPLPFCLOCDEYMESPTQGLPPDCSKCHDYSFRGYQGPPPG 60
QY 61 PPGIIGNNNNNNNATGHEGAKGEGKGGDGLGPRGERQHPKKGKGPGLPPELQIAF 120
Db 61 PPGIIGNNNNNNNATGHEGAKGEGKGGDGLGPRGERQHPKKGKGPGLPPELQIAF 120
QY 121 MASLATHSNONGSIIFSSVETNIGNFPDWTGRFGAPVSGYVFTFSMKHEDVEYVY 180
Db 121 MASLATHSNONGSIIFSSVETNIGNFPDWTGRFGAPVSGYVFTFSMKHEDVEYVY 180
QY 181 YLMHNGNTVFSYMYEMKSKSDTSSNHAVLKLAGDEVLRMNGALHGDHORFSTFAGF 240
Db 181 YLMHNGNTVFSYMYEMKSKSDTSSNHAVLKLAGDEVLRMNGALHGDHORFSTFAGF 240
QY 241 LIFETK 246
Db 241 LIFETK 246

RESULT 6
US-10-035-719-2
; Sequence 2, Application US/10035719
; Publication No. US20030036114A1
; GENERAL INFORMATION:
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Guirney, Austin L.
; APPLICANT: Pdn, James
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wodod, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3030R1C2
; CURRENT APPLICATION NUMBER: US/10/035, 719
; CURRENT FILING DATE: 2001-12-26
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/112514
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;; NUMBER OF SEQ ID NOS: 80
;; SEQ ID NO 2
;; LENGTH: 246
;; TYPE: PRT
;; ORGANISM: Homo Sapien
US-10-035-719-2

Query Match 100.0%; Score 1367; DB 14; Length 246;
Best Local Similarity 100.0%; Pred. No. 7e-117;
Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 121 MASLATHFSNONGIIFSSVETNIGNFDPVMTGRFGAPVSGVFFTSMMKHEDVEEYV 180
DB 121 MASLATHFSNONGIIFSSVETNIGNFDPVMTGRFGAPVSGVFFTSMMKHEDVEEYV 180
QY 181 YLMHNGNVFSMTSYEMKSKDPTSSNAHVLKLAGDEWLMNGALHGHQRSTAGF 240
DB 181 YLMHNGNVFSMTSYEMKSKDPTSSNAHVLKLAGDEWLMNGALHGHQRSTAGF 240
QY 241 LLEFETK 246
DB 241 LLEFETK 246

RESULT 7
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; Sequence 2, Application US/10036160
; Publication No. US20030044842A1

;; GENERAL INFORMATION:

;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Baton, Dan L.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Pan, James
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Watanabe, Colin K.
;; APPLICANT: Wood, William I.
;; APPLICANT: Zhang, Zemin

;; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;; FILE REFERENCE: P3030R1C3

;; CURRENT APPLICATION NUMBER: US/10/036, 160

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; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 2
; LENGTH: 246
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-036-160-2

Query Match      100.0%; Score 1367; DB 14; Length 246;
Best Local Similarity 100.0%; Pred. No. 7e-117;
Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 61 PPDIPNHNNGNNGATGHBGAKGEGDKDLGPRBERGCHGKGPGLPELQIAF 120
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DB 181 YMHENGNVFSWYSYEMKKSPTSSNHAUHLAKGDEVMILRMNGALHGDHGFSTPAGE 240
QY 241 LLEFETK 246
DB 241 LLEFETK 246

RESULT 8
US-10-035-958-2
; Sequence 2, Application US/10035958
; Publication No. US20030049733A1
; GENERAL INFORMATION:
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3030R1C7
; CURRENT APPLICATION NUMBER: US/10/035,958
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/112514
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; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 2
; LENGTH: 246
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-035-958-2
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Query Match      100.0%; Score 1367; DB 14; Length 246;
Best Local Similarity 100.0%; Pred. No. 76-117;
Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      61  PPGIIPGNHNGNNGATGHEGAKGEKDKDGLPRGRGQHGRKGEKGYGPIPELQIAF 120
DB      61  PPGIIPGNHNGNNGATGHEGAKGEKDKDGLPRGRGQHGRKGEKGYGPIPELQIAF 120
QY      121  MASLATFHSNONGIIFSSVETNIGNFEDVMTGRFGAPVSGVYFTFSNMKHEDEVEEYV 180
DB      121  MASLATFHSNONGIIFSSVETNIGNFEDVMTGRFGAPVSGVYFTFSNMKHEDEVEEYV 180
QY      181  YLMHNGTVFSMTSYEMKGSPTSSNHAVALKAKGDEWVLRMNGALHGDHGFSTFAPG 240
DB      181  YLMHNGTVFSMTSYEMKGSPTSSNHAVALKAKGDEWVLRMNGALHGDHGFSTFAPG 240
QY      241  LLEFETK 246
DB      241  LLEFETK 246
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RESULT 9
US-10-036-150-2
; Sequence 2, Application US/10036150
; Publication NO. US20030049734A1
; GENERAL INFORMATION:
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Matanabe, Colin K.
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; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3030RIC9
; CURRENT APPLICATION NUMBER: US/10/036,150
; PRIOR FILING DATE: 2001-12-26
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/112514
; PRIOR FILING DATE: 1998-12-15
; PRIOR APPLICATION NUMBER: 60/113300
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/113430
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113605
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113621
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/114140
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/115552
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/116843
; PRIOR FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: 60/125774
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; PRIOR APPLICATION NUMBER: 60/125778
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 60/125826
; PRIOR FILING DATE: 1999-03-24
; PRIOR APPLICATION NUMBER: 60/127035
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; PRIOR FILING DATE: 1999-04-27
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; PRIOR FILING DATE: 1999-05-04
; PRIOR APPLICATION NUMBER: 60/132379
; PRIOR FILING DATE: 1999-05-04
; PRIOR APPLICATION NUMBER: 60/132383
; PRIOR FILING DATE: 1999-05-04
; PRIOR APPLICATION NUMBER: 60/135750
; PRIOR FILING DATE: 1999-05-25
; PRIOR APPLICATION NUMBER: 60/138166
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/144791
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 60/146970
; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/162506
; PRIOR FILING DATE: 1999-10-29
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; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 09/380142
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/644848
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 09/747259
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: 09/816744
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: 09/854208
; PRIOR FILING DATE: 2001-05-10
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PRIOR APPLICATION NUMBER: 09/854280
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/874503
PRIOR FILING DATE: 2001-06-05
PRIOR APPLICATION NUMBER: 09/869599
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: 09/908,827
PRIOR FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US99/10733
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/US99/28551
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30720
PRIOR FILING DATE: 1999-12-22
PRIOR APPLICATION NUMBER: PCT/US00/05601
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR FILING DATE: 2000-03-02
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US00/15264
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: PCT/US00/23522
PRIOR FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: PCT/US00/23328
PRIOR FILING DATE: 2000-08-24
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: PCT/US00/34956
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: PCT/US01/06520
PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: PCT/US01/17800
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: PCT/US01/19692
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 2
LENGTH: 246
TYPE: PRT
ORGANISM: Homo Sapien
US-10-036-150-2

Query Match Best Local Similarity 100.0%; Score 1367; DB 14; Length 246;

Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLMRLIYVQLALFPLPCLCDEYMESPTGGLPDDSKCHGYSFRGYGPPGPG 60
DB 1 MLMRLIYVQLALFPLPCLCDEYMESPTGGLPDDSKCHGYSFRGYGPPGPG 60
QY 61 PPGIIPNNHNNNGATGHEGAKGEGYDGLSPRGEHQHGXGKGPGLPELQIAF 120
DB 61 PPGIIPNNHNNNGATGHEGAKGEGYDGLSPRGEHQHGXGKGPGLPELQIAF 120
QY 121 MASLATHFSNONGIIFSSVETNIGNFPVMTGRFAPVSGVYFFFSMMKHEDVEEYV 180
DB 121 MASLATHFSNONGIIFSSVETNIGNFPVMTGRFAPVSGVYFFFSMMKHEDVEEYV 180
QY 181 YLMHNGNTVFSVSYEMKKSPTSSNHAAYLKLAKGDEWLMRMGALHGDHGFSTFAG 240
DB 181 YLMHNGNTVFSVSYEMKKSPTSSNHAAYLKLAKGDEWLMRMGALHGDHGFSTFAG 240
QY 241 LLEFETK 246
DB 241 LLEFETK 246

RESULT 10

US-10-036-063-2
Sequence 2, Application US/10036063
Publication No. US20030092063A1
GENERAL INFORMATION:
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: ACIDED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3030R1C6
CURRENT APPLICATION NUMBER: US/10/036,063
CURRENT FILING DATE: 2001-12-26
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/112514
PRIOR FILING DATE: 1998-12-15
PRIOR APPLICATION NUMBER: 60/113300
PRIOR FILING DATE: 1998-12-22
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PRIOR APPLICATION NUMBER: 60/113605
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PRIOR APPLICATION NUMBER: 60/113621
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/114140
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/115552
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/116843
PRIOR FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 60/125774
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/125778
PRIOR FILING DATE: 1999-03-23
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PRIOR FILING DATE: 1999-03-24
PRIOR APPLICATION NUMBER: 60/127035
PRIOR FILING DATE: 1999-03-31
PRIOR APPLICATION NUMBER: 60/127706
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PRIOR APPLICATION NUMBER: 60/132379
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/132383
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/135750
PRIOR FILING DATE: 1999-05-25
PRIOR APPLICATION NUMBER: 60/138166
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/144791
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/146970
PRIOR FILING DATE: 1999-08-03
PRIOR APPLICATION NUMBER: 60/162506
PRIOR FILING DATE: 1999-10-29

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; PRIOR APPLICATION NUMBER: 09/311832
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 09/380142
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/644848
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 09/747259
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: 09/816744
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: 09/854208
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: 09/854280
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: 09/874503
; PRIOR FILING DATE: 2001-06-05
; PRIOR APPLICATION NUMBER: 09/869599
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 09/908,827
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US99/10733
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/US99/28551
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; PRIOR APPLICATION NUMBER: PCT/US99/30720
; PRIOR FILING DATE: 1999-12-22
; PRIOR APPLICATION NUMBER: PCT/US00/05601
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: 2000-03-02
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22
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; PRIOR APPLICATION NUMBER: PCT/US00/34956
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: PCT/US01/17800
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: PCT/US01/19692
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: PCT/US01/21066
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 2
; LENGTH: 246
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-036-063-2
Query Match 100.0%; Score 1367; DB 14; Length 246;
Best Local Similarity 100.0%; Pred. No. 7e-117;
Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 MUMRLIYWQALALFFLPCLCODEYMSPTGGLPRCSKCHGDVSRFGYQBPBPG 60
Db 1 MUMRLIYWQALALFFLPCLCODEYMSPTGGLPRCSKCHGDVSRFGYQBPBPG 60
QY 61 PGIGNGNNGNNGNNGATGHEGAKGKGDGDLGPRGEGGQHPKGEKGPGLPELQIAF 120
Db 61 PGIGNGNNGNNGNNGATGHEGAKGKGDGDLGPRGEGGQHPKGEKGPGLPELQIAF 120
QY 121 MASLATHSNONGIIFSSVETNIGNFDDVMTGRFGAPVSGVYFFTFSMKHEDVEEYV 180
Db 121 MASLATHSNONGIIFSSVETNIGNFDDVMTGRFGAPVSGVYFFTFSMKHEDVEEYV 180
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Db 121 MASLATHSNONGIIFSSVETNIGNFDDVMTGRFGAPVSGVYFFTFSMKHEDVEEYV 180
QY 181 YLMHNGNTVFSYSEYMGKSDTSSNHAYLKLAKGDEWILRMNGALGHQHFSTPAGF 240
Db 181 YLMHNGNTVFSYSEYMGKSDTSSNHAYLKLAKGDEWILRMNGALGHQHFSTPAGF 240
QY 241 LLEFETK 246
Db 241 LLEFETK 246

RESULT 11
US-10-035-977-2
; Sequence 2, Application US/10035977
; Publication No. US20030134327A1
; GENERAL INFORMATION:
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3030R1C10
; CURRENT APPLICATION NUMBER: US/10/035,977
; CURRENT FILING DATE: 2001-12-26
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/112514
; PRIOR FILING DATE: 1998-12-15
; PRIOR APPLICATION NUMBER: 60/113300
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/113430
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113605
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113621
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/114140
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/115552
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/116843
; PRIOR FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: 60/125774
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 60/125778
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 60/125826
; PRIOR FILING DATE: 1999-03-24
; PRIOR APPLICATION NUMBER: 60/127035
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; PRIOR APPLICATION NUMBER: 60/127706
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 60/129122
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; PRIOR FILING DATE: 1999-04-21
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; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131291
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; PRIOR APPLICATION NUMBER: 60/132371
; PRIOR FILING DATE: 1999-05-04
; PRIOR APPLICATION NUMBER: 60/132379
; PRIOR FILING DATE: 1999-05-04
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; PRIOR APPLICATION NUMBER: 60/132383
; PRIOR FILING DATE: 1999-05-04
; PRIOR APPLICATION NUMBER: 60/135750
; PRIOR FILING DATE: 1999-05-25
; PRIOR APPLICATION NUMBER: 60/138166
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/144791
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 60/146970
; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/162506
; PRIOR FILING DATE: 1999-10-29
; PRIOR APPLICATION NUMBER: 09/311832
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 09/380142
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/644848
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 09/747259
; PRIOR FILING DATE: 2000-12-20
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; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: 09/854208
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; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 09/908,827
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US99/10733
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/US99/28551
; PRIOR FILING DATE: 1999-12-02
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; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: PCT/US00/34956
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: PCT/US01/17800
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: PCT/US01/19692
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: PCT/US01/21066
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 2
; LENGTH: 246
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-035-977-2
Query Match      100.0%; Score 1367; DB 14; Length 246;
Best Local Similarity 100.0%; Pred. No. 7e-117;
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Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY      1 MIMROLIYWQIALPFLPCLCQDEYMSPTQGLPPDCSKCHGDSFRGYQGPAPPG 60
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      1 MIMROLIYWQIALPFLPCLCQDEYMSPTQGLPPDCSKCHGDSFRGYQGPAPPG 60
Db      1 MIMROLIYWQIALPFLPCLCQDEYMSPTQGLPPDCSKCHGDSFRGYQGPAPPG 60
QY      61 PGGIPGNHGNNGNNGATGHEGAKGEGKDGDIAPRGERQOHQPKGKYPGIPPELQIAF 120
      |||
      61 PGGIPGNHGNNGNNGATGHEGAKGEGKDGDIAPRGERQOHQPKGKYPGIPPELQIAF 120
Db      61 PGGIPGNHGNNGNNGATGHEGAKGEGKDGDIAPRGERQOHQPKGKYPGIPPELQIAF 120
QY      121 MASLATHFSNONGSIIFFSVETNIGNFEDVMTGRGAPVSGYFFTFSSMKHEDVEEYV 180
      |||
      121 MASLATHFSNONGSIIFFSVETNIGNFEDVMTGRGAPVSGYFFTFSSMKHEDVEEYV 180
Db      121 MASLATHFSNONGSIIFFSVETNIGNFEDVMTGRGAPVSGYFFTFSSMKHEDVEEYV 180
QY      181 YLMHNGNTVFSMYSEYMKGKSDTSSNHAVALKLAKGDEWILRMNGALHGDHQRFFSTFAG 240
      |||
      181 YLMHNGNTVFSMYSEYMKGKSDTSSNHAVALKLAKGDEWILRMNGALHGDHQRFFSTFAG 240
Db      181 YLMHNGNTVFSMYSEYMKGKSDTSSNHAVALKLAKGDEWILRMNGALHGDHQRFFSTFAG 240
QY      241 LLEFTK 246
      |||
      241 LLEFTK 246
Db      241 LLEFTK 246

RESULT 12
US-10-321-164-2
; Sequence 2, Application US/10321164
; Publication No. US20030165530A1
; GENERAL INFORMATION:
; APPLICANT: Bishop, Paul
; TITLE OF INVENTION: ADIPOCTE-SPECIFIC PROTEIN HOMOLOG ZACRP3
; FILE REFERENCE: 99-09
; CURRENT FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: US/09/552,225A
; PRIOR FILING DATE: 2000-04-19
; PRIOR APPLICATION NUMBER: 60/130,199
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 246
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-321-164-2
Query Match      100.0%; Score 1367; DB 14; Length 246;
Best Local Similarity 100.0%; Pred. No. 7e-117;
Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY      1 MIMROLIYWQIALPFLPCLCQDEYMSPTQGLPPDCSKCHGDSFRGYQGPAPPG 60
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      1 MIMROLIYWQIALPFLPCLCQDEYMSPTQGLPPDCSKCHGDSFRGYQGPAPPG 60
Db      1 MIMROLIYWQIALPFLPCLCQDEYMSPTQGLPPDCSKCHGDSFRGYQGPAPPG 60
QY      61 PGGIPGNHGNNGNNGATGHEGAKGEGKDGDIAPRGERQOHQPKGKYPGIPPELQIAF 120
      |||
      61 PGGIPGNHGNNGNNGATGHEGAKGEGKDGDIAPRGERQOHQPKGKYPGIPPELQIAF 120
Db      61 PGGIPGNHGNNGNNGATGHEGAKGEGKDGDIAPRGERQOHQPKGKYPGIPPELQIAF 120
QY      121 MASLATHFSNONGSIIFFSVETNIGNFEDVMTGRGAPVSGYFFTFSSMKHEDVEEYV 180
      |||
      121 MASLATHFSNONGSIIFFSVETNIGNFEDVMTGRGAPVSGYFFTFSSMKHEDVEEYV 180
Db      121 MASLATHFSNONGSIIFFSVETNIGNFEDVMTGRGAPVSGYFFTFSSMKHEDVEEYV 180
QY      181 YLMHNGNTVFSMYSEYMKGKSDTSSNHAVALKLAKGDEWILRMNGALHGDHQRFFSTFAG 240
      |||
      181 YLMHNGNTVFSMYSEYMKGKSDTSSNHAVALKLAKGDEWILRMNGALHGDHQRFFSTFAG 240
Db      181 YLMHNGNTVFSMYSEYMKGKSDTSSNHAVALKLAKGDEWILRMNGALHGDHQRFFSTFAG 240
QY      241 LLEFTK 246
      |||
      241 LLEFTK 246
Db      241 LLEFTK 246

RESULT 13
US-10-236-392-68
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/ Sequence 68, Application US/10236392
/ Publication No. US20040067490A1
/ GENERAL INFORMATION:
/ APPLICANT: Anderson, David M
/ APPLICANT: Boldog, Ferenc L
/ APPLICANT: Burgess, Catherine, E
/ APPLICANT: Casman, Stacie J
/ APPLICANT: Catterton, Elina
/ APPLICANT: Chapoval, Andrei
/ APPLICANT: Chabtree, Julie
/ APPLICANT: Edinger, Shlomit, R
/ APPLICANT: Ellerman, Karen
/ APPLICANT: Gerlach, Valerie
/ APPLICANT: Gorman, Linda
/ APPLICANT: Grosse, William M
/ APPLICANT: Gusev, Vladimir
/ APPLICANT: Kehuda, Ramesh
/ APPLICANT: Laroche, William J
/ APPLICANT: Li, Li
/ APPLICANT: MacDougall, John R
/ APPLICANT: Malvankar, Uriel M
/ APPLICANT: Miller, Charles E
/ APPLICANT: Millet, Isabelle
/ APPLICANT: Padigaru, Muralidhara
/ APPLICANT: Patcurajan, Meera
/ APPLICANT: Pena, Carol A
/ APPLICANT: Peyman, John A
/ APPLICANT: Rastelli, Luca
/ APPLICANT: Reiger, Daniel K
/ APPLICANT: Rothenberg, Mark B
/ APPLICANT: Shenoy, Suresh
/ APPLICANT: Shinkets, Richard A
/ APPLICANT: Smilhsen, Glenda
/ TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
/ FILE REFERENCE: 21402-4424
/ CURRENT APPLICATION NUMBER: US/10/236,392
/ CURRENT FILING DATE: 2002-09-06
/ PRIOR APPLICATION NUMBER: US09/540,763
/ PRIOR FILING DATE: 2000-03-30
/ PRIOR APPLICATION NUMBER: US60/390,155
/ PRIOR FILING DATE: 2002-06-19
/ PRIOR APPLICATION NUMBER: US09/635,949
/ PRIOR FILING DATE: 2000-08-10
/ PRIOR APPLICATION NUMBER: US60/318,765
/ PRIOR FILING DATE: 2001-09-12
/ PRIOR APPLICATION NUMBER: US60/357,303
/ PRIOR FILING DATE: 2002-02-15
/ PRIOR APPLICATION NUMBER: US60/367,753
/ PRIOR FILING DATE: 2002-03-25
/ PRIOR APPLICATION NUMBER: US60/369,479
/ PRIOR FILING DATE: 2002-04-02
/ PRIOR APPLICATION NUMBER: US09/659,634
/ PRIOR FILING DATE: 2000-09-12
/ PRIOR APPLICATION NUMBER: US60/318,120
/ PRIOR FILING DATE: 2001-09-07
/ PRIOR APPLICATION NUMBER: US60/318,130
/ PRIOR FILING DATE: 2001-09-07
/ Remaining Prior Application data removed - See file Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 794
/ SOFTWARE: Custom
/ SEQ ID NO 68
/ LENGTH: 246
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-236-392-68

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Best Local Similarity 100.0%; Pred. No. 7e-117;
Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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DB 1 MIMROLIYWQLLALFPLPCLCODEYMSPTGGLPPDCSKCHGDYSFRGYQGPBPBG 60

QY 61 PGGIPGNHNGNNGATGHEGAKGKGDGLGPRGERGQHPKKEKGPGLPELQIAF 120
DB 61 PGGIPGNHNGNNGATGHEGAKGKGDGLGPRGERGQHPKKEKGPGLPELQIAF 120

QY 121 MASLATHFSNONGIIFSSVETNIGNFPDVTGFRGAPVSGVYFTFSMKHEDVEEYV 180
DB 121 MASLATHFSNONGIIFSSVETNIGNFPDVTGFRGAPVSGVYFTFSMKHEDVEEYV 180

QY 181 YLMHNGNTVFSMYSEYEMKSDTSSNHAVLKLAKDEWVLRNGALHGDHGFSTFAGF 240
DB 181 YLMHNGNTVFSMYSEYEMKSDTSSNHAVLKLAKDEWVLRNGALHGDHGFSTFAGF 240

QY 241 LLFETK 246
DB 241 LLFETK 246

RESULT 14
US-10-332-947-38
/ Sequence 38, Application US/10332947
/ Publication No. US20040092713A1
/ GENERAL INFORMATION:
/ APPLICANT: Agarwal, Pankej
/ APPLICANT: Cogswell, John P.
/ APPLICANT: Lai, Ying-Ta
/ APPLICANT: Martensen, Shelby A.
/ APPLICANT: Rizvi, Safia K.
/ APPLICANT: Smith, Randall F.
/ APPLICANT: Strum, Jay C.
/ APPLICANT: Xiang, ZhaoYing
/ APPLICANT: Xie, Qing
/ TITLE OF INVENTION: NOVEL COMPOUNDS
/ FILE REFERENCE: GP50031
/ CURRENT APPLICATION NUMBER: US/10/332,947
/ CURRENT FILING DATE: 2003-08-19
/ PRIOR APPLICATION NUMBER: PCT/US01/21985
/ PRIOR FILING DATE: 2001-07-12
/ PRIOR APPLICATION NUMBER: 60/218,033
/ PRIOR FILING DATE: 2000-07-12
/ PRIOR APPLICATION NUMBER: 60/226,517
/ PRIOR FILING DATE: 2000-08-21
/ NUMBER OF SEQ ID NOS: 56
/ SOFTWARE: FastSeq for windows Version 4.0
/ SEQ ID NO 38
/ LENGTH: 246
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-332-947-38

Query Match      100.0%; Score 1367; DB 15; Length 246;
Best Local Similarity 100.0%; Pred. No. 7e-117;
Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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RESULT 15
US-10-012-605C-2
; Sequence 2, Application US/10012605C
; Publication No. US20030104602A1
GENERAL INFORMATION:
; APPLICANT: Haldeman, Betty A.
; APPLICANT: Thayer, Edward C.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN
; TITLE OF INVENTION: ZACRP3X2
; FILE REFERENCE: 00-111
; CURRENT APPLICATION NUMBER: US/10/012,605C
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: US 60/254,019
; PRIOR FILING DATE: 2000-12-07
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 319
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-012-605C-2

Query Match      96.6%; Score 1320.5; DB 14; Length 319;
Best Local Similarity 77.1%; Pred. No. 1.7e-112;
Matches 246; Conservative 0; Mismatches 0; Indels 73; Gaps 1;

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QY      29 -----SPQTGLPPDCSKCCHDY 47
Db      61 SHPKGTVDNNTSTDLSLRPDELPHREVDLAQITTFWQGSPTGTGLPPDCSKCCHDY 120

QY      48 SFRGTQGPQPPGPGIPGNHGNNGNNGATGHEGAKGEKDKDGLGRGERGQHPKGEK 107
Db      121 SFRGYQGPQPPGPGIPGNHGNNGNNGATGHEGAKGEKDKDGLGRGERGQHPKGEK 180

QY      108 GYPGIPPELQIAFMASLATHFSNONGIIFSSVETNIGNPFDMTGRFGAPVSGVYFFTF 167
Db      181 GYPGIPPELQIAFMASLATHFSNONGIIFSSVETNIGNPFDMTGRFGAPVSGVYFFTF 240

QY      168 SNAKHEDEVVEVYVYLHNGNTVFSMTSYEMKGSKSDTSSNHAVALAKADEVWLMKNGAL 227
Db      241 SNAKHEDEVVEVYVYLHNGNTVFSMTSYEMKGSKSDTSSNHAVALAKADEVWLMKNGAL 300

QY      228 HGDHQRFFSTFAGFLFETK 246
Db      301 HGDHQRFFSTFAGFLFETK 319
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GenCore version 5.1.6
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OM protein - nucleic search, using frame_plus.p2n model

Run on: February 24, 2005, 07:58:23 ; Search time 187 Seconds

(without alignments)
2152.535 Million cell updates/sec

Title: US-10-036-041-2

Perfect score: 1367

Sequence: 1 MIMOLYIYQWLLAFLEFLPC.....LHGDRSTPAGFLIFETK 246

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Ygapop 10.0 , Ygapext 0.5
Fgapop 6.0 , Fgapext 7.0
Delop 6.0 , Delext 7.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 2405568

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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-MODE=LOCAL -OUTFMT=pic -NORM=ext -HEAPSIZE=500 -MINLEN=0 -MAXLEN=2000000000
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-FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database : Issued Patents NA:*

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- 2: /cgn2_6/ptodata/1/ina/5B.COMB.seq:*
- 3: /cgn2_6/ptodata/1/ina/6A.COMB.seq:*
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- 5: /cgn2_6/ptodata/1/ina/PTCUS.COMB.seq:*
- 6: /cgn2_6/ptodata/1/ina/backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1367	100.0	1696	4	US-09-552-225A-1 Sequence 1, App11
2	1367	100.0	1696	4	US-10-012-605C-3 Sequence 1, App11
3	1320.5	96.6	957	4	US-10-012-605C-1 Sequence 3, App11
4	1311	95.9	1117	4	US-09-552-225A-11 Sequence 11, App1
5	1311	95.9	1123	3	US-09-188-930-28 Sequence 28, App1
6	1311	95.9	1123	3	US-09-188-930-203 Sequence 203, App
7	1311	95.9	1123	4	US-09-312-283C-28 Sequence 28, App1
8	1311	95.9	1123	4	US-09-312-283C-203 Sequence 203, App
9	1171	85.7	738	4	US-09-552-225A-10 Sequence 10, App1
10	1124.5	82.3	957	4	US-10-012-605C-7 Sequence 7, App1
11	811	59.3	494	4	US-09-621-976-3120 Sequence 3120, App
12	721	52.7	471	4	US-09-513-999C-2872 Sequence 2872, App

13	384.5	28.1	436	4	US-10-012-605C-5 Sequence 5, App11
14	316	23.1	1107	3	US-09-188-930-217 Sequence 217, App
15	316	23.1	1107	4	US-09-312-283C-217 Sequence 217, App
16	306	22.4	1052	4	US-09-312-283C-358 Sequence 358, App
17	306	22.4	1161	4	US-09-552-204A-1 Sequence 1, App11
18	299	21.9	1276	2	US-08-463-911-1 Sequence 1, App11
19	299	21.9	1276	4	US-09-776-976-3 Sequence 3, App11
20	299	21.9	1276	4	US-09-909-547-3 Sequence 3, App11
21	297.5	21.8	1299	4	US-09-976-594-814 Sequence 814, App
22	296.5	21.7	1618	4	US-09-489-847-82 Sequence 82, App1
23	293.5	21.5	1313	2	US-08-463-911-6 Sequence 6, App11
24	293.5	21.5	4517	4	US-09-140-804-9 Sequence 9, App11
25	293.5	21.5	4517	4	US-09-686-838B-9 Sequence 9, App11
26	293.5	21.5	4517	4	US-09-776-976-5 Sequence 5, App11
27	293.5	21.5	4517	4	US-09-909-547-5 Sequence 5, App11
28	293.5	21.5	4545	4	US-09-569-852B-5 Sequence 5, App11
29	293	21.4	1152	4	US-09-776-976-1 Sequence 1, App11
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31	276.5	20.2	3198	4	US-09-949-001-2 Sequence 2, App11
32	273	20.0	3275	3	US-09-370-838-151 Sequence 151, App
33	273	20.0	3275	4	US-09-854-133-151 Sequence 151, App
34	270	19.8	3167	4	US-09-949-001-7 Sequence 7, App11
35	270	19.8	10544	4	US-09-949-001-28 Sequence 28, App1
36	270	19.8	10544	4	US-09-949-001-33 Sequence 33, App1
37	269	19.7	855	4	US-09-552-204A-10 Sequence 10, App1
38	264.5	19.3	1333	3	US-09-227-357-51 Sequence 51, App1
39	264.5	19.3	1347	3	US-09-140-804-1 Sequence 1, App11
40	264.5	19.3	1347	4	US-09-686-838B-1 Sequence 1, App11
41	264.5	19.3	1377	4	US-09-866-028-41 Sequence 41, App1
42	264.5	19.3	1377	4	US-09-944-457-41 Sequence 41, App1
43	257.5	18.8	2235	4	US-09-949-016-3736 Sequence 3736, App
44	257.5	18.8	2487	4	US-09-620-312D-160 Sequence 160, App
45	257.5	18.8	9455	4	US-09-949-016-15478 Sequence 15478, A

ALIGNMENTS

RESULT 1
US-09-552-225A-1 Application US/09552225A
; Sequence 1, App11
; Patent No. 6521233
GENERAL INFORMATION:
; APPLICANT: Piddington, Christopher S.
; APPLICANT: Bishop, Paul
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACRP3
; FILE REFERENCE: 99-09
; CURRENT APPLICATION NUMBER: US/09/552,225A
; CURRENT FILING DATE: 2000-04-19
; PRIOR APPLICATION NUMBER: 60/130,199
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 1696
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (69)...(806)
US-09-552-225A-1

Alignment Scores:

Pred. No.: 6.37e-127 Length: 1696
Score: 1367.00 Matches: 246
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 4 Gaps: 0

US-10-036-041-2 (1-246) x US-09-552-225A-1 (1-1696)

QY 1 MctleTPARGLtleuileTyrTPGlnleuAlaleuPhePheuPPropheCys 20
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Db      69 ATGCTTTGGAGGACGCTCATCTATTATGGCAACTGCTGCTTTGTTTCTCCCTTTTGC 128
Qy      21 LeuCySGIaApGluTYrMetGluSerProGlnThrGlyLeuProPheAspCysSer 40
Db      129 CTGTGTCAAGATGAATACATGAGATGCTCCAAACCGAGGACTACCCCAAGCTGACAGT 188
Qy      41 LysCySGYSHISGLYAspTYrSerPheArgGlyTYrGlnGlyProProGlyProProGly 60
Db      189 AAGTGTGTCAATGAGACTACAGCTTTGAGGCTACCAAGGCCCTCCGAGGCAACGGGCG 248
Qy      61 ProProGlyIleProGlyAsnHisGLYAsnAsnGlyAsnAsnGlyAlaThrGlyYHISGLU 80
Db      249 CCTCTGCGCATTCACGAAACCATGGAACCAATGAGCAACATGAGCACTGTCATGAA 308
Qy      81 GlyAlaLysGlyGlyLeuGlyYAspLYSGLYAspLYSGLYAspLYSGLYAspLYSGLYGln 100
Db      309 GGAGCCAAAGGTGAAGAGGCGCAAGGTGACCTGGGGGCTCCGAGGGGAGCGGGGCGAG 368
Qy      101 HISGLYProLYSGLYGlyLeuGlyTYrProGlyIleProProGlyLeuGlnIleAlaPhe 120
Db      369 CATGCCCCCAAGAGAGAGAGGCGTACCAGGGAATTCACCCGAACTTCAGATTGCAATTC 428
Qy      121 MetAlaSerLeuAlaThrHisPheSerAsnGlnAsnSerGlyIleIlePheSerSerVal 140
Db      429 ATGGCTTCTCTGGCAACCCACTTCAGCATCAGAACAGTGGGATTAATCTTCAGCAGTGT 488
Qy      141 GluThrAsnIleGLYAsnPhePheAspValMetThrGlyArgPheGlyAlaProValSer 160
Db      489 GAGACCAACATTTGGAACTTCTTGAATGATGATGATGATGATGATGATGATGATGATG 548
Qy      161 GlyValTYrPhePheThrPheSerMetCysHisGLYAspLYSGLYGlnIleAlaPhe 180
Db      549 GGTGTGATTTCTTCACTTCAGCATGATGATGATGATGATGATGATGATGATGATG 608
Qy      181 TyrLeuMetHisAsnGlyAsnThrValPheSerMetTYrSerTYrGlyMetLYSGLYs 200
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Qy      201 SerAspThrSerSerAsnHisAlaValLeuLYSLeuAlaLYSGLYAspGlyValTyrLeu 220
Db      669 TCAGATACATCCAGAACATCATGCTGTGCTGAAAGCTTACCAAGGGAGATGAGTTGGCTG 728
Qy      221 ArgMetGlyAsnGlyAlaLeuHisGLYAspHisGlnArgPheSerThrPheAlaGlyPhe 240
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Qy      241 LeuLeuPheGluThrLYs 246
Db      789 CTGCTCTTTGAAACTAAG 806

RESULT 2
US-10-012-605C-3
; Sequence 3, Application US/10012605C
; Patent No. 6692748
; GENERAL INFORMATION:
; APPLICANT: Haldeman, Betty A.
; APPLICANT: Thayer, Edward C.
; APPLICANT: Shepard, Paul O.
; TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN
; FILE REFERENCE: 00-111
; CURRENT APPLICATION NUMBER: US/10/012,605C
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: US 60/254,019
; PRIOR FILING DATE: 2000-12-07
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 1696
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS

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; LOCATION: (69) ... (806)
US-10-012-605C-3
Alignment Scores:
Pred. No.: 6,37e-127 Length: 1696
Score: 1367.00 Matches: 246
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 4 Gaps: 0

US-10-036-041-2 (1-246) x US-10-012-605C-3 (1-1696)
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Qy      21 LeuCySGIaApGluTYrMetGluSerProGlnThrGlyLeuProPheAspCysSer 40
Db      129 CTGTGTCAAGATGAATACATGAGATGCTCCAAACCGAGGACTACCCCAAGCTGACAGT 188
Qy      41 LysCySGYSHISGLYAspTYrSerPheArgGlyTYrGlnGlyProProGlyProProGly 60
Db      189 AAGTGTGTCAATGAGACTACAGCTTTGAGGCTACCAAGGCCCTCCGAGGCAACGGGCG 248
Qy      61 ProProGlyIleProGlyAsnHisGLYAsnAsnGlyAsnAsnGlyAlaThrGlyYHISGLU 80
Db      249 CCTCTGCGCATTCACGAAACCATGGAACCAATGAGCAACATGAGCACTGTCATGAA 308
Qy      81 GlyAlaLysGlyGlyLeuGlyYAspLYSGLYAspLYSGLYAspLYSGLYAspLYSGLYGln 100
Db      309 GGAGCCAAAGGTGAAGAGGCGCAAGGTGACCTGGGGGCTCCGAGGGGAGCGGGGCGAG 368
Qy      101 HISGLYProLYSGLYGlyLeuGlyTYrProGlyIleProProGlyLeuGlnIleAlaPhe 120
Db      369 CATGCCCCCAAGAGAGAGGCGTACCAGGGAATTCACCCGAACTTCAGATTGCAATTC 428
Qy      121 MetAlaSerLeuAlaThrHisPheSerAsnGlnAsnSerGlyIleIlePheSerSerVal 140
Db      429 ATGGCTTCTCTGGCAACCCACTTCAGCATCAGAACAGTGGGATTAATCTTCAGCAGTGT 488
Qy      141 GluThrAsnIleGLYAsnPhePheAspValMetThrGlyArgPheGlyAlaProValSer 160
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Qy      181 TyrLeuMetHisAsnGlyAsnThrValPheSerMetTYrSerTYrGlyMetLYSGLYs 200
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Db      669 TCAGATACATCCAGAACATCATGCTGTGCTGAAAGCTTACCAAGGGAGATGAGTTGGCTG 728
Qy      221 ArgMetGlyAsnGlyAlaLeuHisGLYAspHisGlnArgPheSerThrPheAlaGlyPhe 240
Db      729 CGAATGGGCAATGGGCTCTCCATGAGGAGCAACCAAGCTTCTCCACCTTTGCAGAGATT 788
Qy      241 LeuLeuPheGluThrLYs 246
Db      789 CTGCTCTTTGAAACTAAG 806

RESULT 3
US-10-012-605C-1
; Sequence 1, Application US/10012605C
; Patent No. 6692748
; GENERAL INFORMATION:
; APPLICANT: Haldeman, Betty A.
; APPLICANT: Thayer, Edward C.
; APPLICANT: Shepard, Paul O.

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TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN
FILE REFERENCE: ZACRP3X2
CURRENT APPLICATION NUMBER: US/10/012,605C
CURRENT FILING DATE: 2002-08-14
PRIOR APPLICATION NUMBER: US 60/254,019
PRIOR FILING DATE: 2000-12-07
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1
LENGTH: 957
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (1)...(957)
US-10-012-605C-1

Alignment Scores:
Pred. No.: 1,27e-122 Length: 957
Score: 1320.50 Matches: 246
Percent Similarity: 77.12% Conservative: 0
Best Local Similarity: 77.12% Mismatches: 0
Query Match: 96.60% Indels: 73
DB: 4 Gaps: 1

US-10-036-041-2 (1-246) x US-10-012-605C-1 (1-957)

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QY 21 LeuCySGlnAspGluTyMetGlu----- 28
Db 61 CTGTGTCAAGATGAATACATGAGGTGAGCGAGAAACTAATAAGTGTGGCAAGATA 120
QY 28 ----- 28
Db 121 GTGCAAGCCACAGACAGACTGCGCTGAGCGCTCCAGAGAGGAGAAAGTAGAGACCG 180
QY 28 ----- 28
Db 181 AGCCATCTTAATACTGGAGCTGGATTAATACTTACAGACTTAATAATCCCTGAGA 240
QY 28 ----- 28
Db 241 CCAGATGAGCTACCGGACCCGAGGTAGATGACTAGCCAGATCAACATTCTGGGCG 300
QY 29 ---SerProGlnThGlyGlyLeuProPheAspCysSerTyGlyGlyGlyAspTyr 47
Db 301 CAGTCTCCCAAAACCGAGAGACTACCCCACTGACGTAAAGTGTGTGATGAGACTAC 360
QY 48 SerPheAspGlyTyTrpGlnGlyProProGlyProProGlyProProGlyProGly 67
Db 361 AGCTTTGAGGCTACCAAGGCCCCCTGGGCCAAGCGGCTCTCTGCAATCCAGGAAC 420
QY 68 HisGlyAsnAsnGlyAsnAsnGlyAlaThrGlyHisGlyGlyAlaGlyGlyGlyGly 87
Db 421 CATGGAACAATGGCAACAATGAGGCACTGGTCAAGAAAGAGCCAAAGTGAAGAGGC 480
QY 88 AspGlyGlyAspLeuGlyProAspGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGly 107
Db 481 GACAAAGGTGACCTGGGGCTGAGGGGAGCGGGGACACATGGCCCCCAAGAGAGAG 540
QY 108 GlyTyTrpGlyTyrProProGlyLeuGlnIleAlaPheMetAlaSerLeuAlaThrHis 127
Db 541 GGCTACCCGGGATTCACACAGACTTCAGATTGCTTCAATGCTTCTCTGGCAACCC 600
QY 128 PheSerAsnGlnAsnSerGlyTyrIlePheSerSerValGlnThrAsnIleGlyAsnPhe 147
Db 601 TTCAGCAATCAAGACAGTGGGATTAATCTTACAGCAGTGTGAAGCAACATTGGAACTTC 660
QY 148 PheAspValMetThrGlyArgPheGlyAlaProValSerGlyValTyrPhePheThrPhe 167

Db 661 TTGATGCAAGACTGAGATTTGGGCCCCAGATACAGTGTATTTCTTCACTTC 720
QY 168 SerMetCysHisGlyAspValGlnGlyValTyrTyrLeuMetHisAsnGlyAsn 187
Db 721 AGCATGATGAAGCATGAGATGTTGAGGAAGTATGTACTTATATGACAAATGGCAAC 780
QY 188 ThrValPheSerMetTyrSerTyGlnMetCysGlyTyrSerAspThrSerSerAsnHis 207
Db 781 ACAGCTTCAGCATGTACAGCTATGAAATGAAGGCAAAATGATACATCCAGCATCAT 840
QY 208 AlaValLeuLeuLeuAlaGlyAspGlyValTyrPheLeuAspMetGlyAsnGlyAlaLeu 227
Db 841 GCTGTGCTGAGACTGACCAAGGGATAGATTGGCTGCGCATAGGGCAATGGCCCTTC 900
QY 228 HisGlyAspHisGlnArgPheSerThrPheAlaGlyPheLeuLeuPheGlnThrTyr 246
Db 901 CATGGGGACCAACCAAGCTTCTCCACCTTTGGAGGATTCCTGTTGAACCTAAG 957

RESULT 4
US-09-552-225A-11
Sequence 11, Application US/09552225A
Patent No. 6521233
GENERAL INFORMATION:
APPLICANT: Biddington, Christopher S.
APPLICANT: Bishop, Paul
TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACRP3
FILE REFERENCE: 99-09
CURRENT APPLICATION NUMBER: US/09/552,225A
CURRENT FILING DATE: 2000-04-19
PRIOR APPLICATION NUMBER: 60/130,199
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 20
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 11
LENGTH: 1117
TYPE: DNA
ORGANISM: Mus musculus
FEATURE:
NAME/KEY: CDS
LOCATION: (111)...(848)
US-09-552-225A-11

Alignment Scores:
Pred. No.: 1.4e-121 Length: 1117
Score: 1311.00 Matches: 236
Percent Similarity: 96.75% Conservative: 2
Best Local Similarity: 95.93% Mismatches: 8
Query Match: 95.90% Indels: 0
DB: 4 Gaps: 0

US-10-036-041-2 (1-246) x US-09-552-225A-11 (1-1117)

QY 1 MetLeuTPaRgSLLeuLleTyTrpGlnLeuLleuAlaLeuPhePheLeuPProPheCys 20
Db 111 ATGCTTGAGGAGCACTCATTTATGGCACTGCTGCTTTGTTTCTCCCTTTTTC 170
QY 21 LeuCySGlnAspGluTyMetGluSerProGlnThGlyGlyLeuProPheAspCysSer 40
Db 171 CTGTGTCAAGATGAATACATGAGTCTCCACAGCTGAGAGACTCCGCCCAACATGCAAC 230
QY 41 TySGlyCysHisGlyAspTySerPheArgGlyTyTrpGlnGlyProProGlyProProGly 60
Db 231 AAGTGTTCATGAGATTAATGATTTGCTGTATCCAAAGGCGCCCCCTGSACTCCAGGT 290
QY 61 ProProGlyTyrProGlyAsnHisGlyAsnAsnGlyValaThrGlyHisGly 80
Db 291 CCTCTGGGATTCACAGAAACCATGGAACAATGGGAACAATGAGCTTCTGGCAATGA 350
QY 81 GlyAlaGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGly 100
Db 351 GGGGCAAAAGGTGAGAAAGAGAAACAAAGGCGACTAGGCCCTCGAGAGAAACGGGGCGAG 410

Qy 101 HisgIyProLysgIyGluLysgIyTyxProglIyIleProPgluLeuGlnIleAlaPhe 120
Db 411 CATGCCCCCAAGAGAGAGAAAGGCTACCCAGGGGTGCCACCAAGCTGAGATTGCTTC 470
Qy 121 MetAlaSerLeuAlaThrHisPheSerAngIlnaSerGlyIleIlePheSerSerVal 140
Db 471 ATGGCTTCTCTGCAACTCATCTTCAGCAATCAGAACAGTGCATTATCTTCAGCAGTGT 530
Qy 141 GluThrAniIleGlyAsnPhaPhePheValMetThrGlyArgPheGlyAlaProValSer 160
Db 531 GAGACCAACATTGGAAGAACTTCTTCATGTCAGTGGAGATTTGGGGCCCTCATCA 590
Qy 161 GlyValTyxPhePheThrPheSerMetLysHisGluAspValGluGluValTyxVal 180
Db 591 GGTGTGATTTCTTCACCTTCAGCATGTATGAGACATGAGACGTAGAGAAATGTATGTG 650
Qy 181 TyxLeuMetHisAsnGlyAsnThrValPheSerMetTyxSerTyxGluMetLysGlyLys 200
Db 651 TACCTTATGCAACAGGCAACACAGTCTTCAGCATGTACAGCTATGAAACAAAGGGA 710
Qy 201 SerAspThrSerSerAsnHisAlaValLeuLysLeuAlaValGlyAspGluValThrLeu 220
Db 711 TCAGATACATCCAGAACCAATGACAGTCTGAGAGTTGGCCAAAGAGATGAAGTCTGGCTA 770
Qy 221 ArgMetGlyAsnGlyAlaLeuHisGlyAspHisGlnArgPheSerThrPheAlaGlyPhe 240
Db 771 AGAATGGGCAACGGTGGCCCTCCACGGGACCAACCAAGCCTTCTCACTTCGCAAGCTTT 830
Qy 241 LeuLeuPheGluThrLys 246
Db 831 CTGCTCTTTGAAACTAAG 848

RESULT 5

US-09-188-930-28
; Sequence 28, Application US/09188930A
; Patent No. 6150502
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murison, James Greg
; TITLE OF INVENTION: Compositions Isolated From Skin Cells
; FILE REFERENCE: 11000.1011c1
; CURRENT APPLICATION NUMBER: US/09/188,930A
; CURRENT FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 348
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 28
; LENGTH: 1123
; TYPE: DNA
; ORGANISM: Rat
US-09-188-930-28

Alignment Scores:

Pred. No.: 1,41e-121 Length: 1123
Score: 1311.00 Matches: 236
Percent Similarity: 97.15% Conservative: 3
Best Local Similarity: 95.93% Mismatches: 7
Query Match: 95.90% Indels: 0
Gaps: 0

US-10-036-041-2 (1-246) x US-09-188-930-28 (1-1123)

Qy 1 MetLeuTrpArgGlnLeuLysIleTyxTrpGlnLeuLeuAlaLeuPheLeuProPheCys 20
Db 180 ATGCTCAGAGGCACTGCTGCTGAGCACCTGCTGGCTTCTTCTTCCATTTC 239
Qy 21 LeuCyGlnAspGlyTyxMetGluSerProGlnThrGlyGlyLeuProProAspCysSer 40
Db 240 CTGTCTCAAGATGATATACATGAGTCTCCACAAGCTGAGGAGACTGCCCAACATGCAAGC 299

Qy 41 LysCysCyHisGlyAspTyxSerPheArgGlyTyxGlnGlyProProGlyProProGly 60
Db 300 AAGTCTTCCATGAGATTAATGATTCCTGTGTTACCAAGGGCCCCCTGGACCCCCAGCT 359
Qy 61 ProProGlyIleProGlyAsnHisGlyAsnAsnGlyAsnAsnGlyAlaThrGlyHisGlu 80
Db 360 CCTCCTGGCATTTCCAGGAAACCAATGAAACATGAAATAACGAGGACCATGGCCACGAA 419
Qy 81 GlyAlaLysGlyGluLysGlyAspLysGlyAspLeuGlyProProArgGlyGluArgGlyGln 100
Db 420 GGGGCAAGGGTGAAGAAAGAGACAAAGCCACCTGGGGCTTCAGAGGGGAAACGGGGGAG 479
Qy 101 HisgIyProLysgIyGluLysgIyTyxProglIyIleProPgluLeuGlnIleAlaPhe 120
Db 480 CATGCCCCCAAGATAGAAAGGATACCCAGGGGTGCCACCAAGCTGCATTCGCTTC 539
Qy 121 MetAlaSerLeuAlaThrHisPheSerAngIlnaSerGlyIleIlePheSerSerVal 140
Db 540 ATGGCTTCTTACGACATCATCTTCAGCAATCAGAACAGTGCATTATCTTCAGCAGTGT 599
Qy 141 GluThrAniIleGlyAsnPhaPheAspValMetThrGlyArgPheGlyAlaProValSer 160
Db 600 GAGACCAACATTGGAAGAACTTCTTCATGTCAATGACTGATGATTTGGGGCCCTCATCA 659
Qy 161 GlyValTyxPhePheThrPheSerMetLysHisGluAspValGluGluValTyxVal 180
Db 660 GCGGTGATTTCTTCACCTTCAGCATGTATGAGACATGAGACGTGAGAGAAATGTATGTG 719
Qy 181 TyxLeuMetHisAsnGlyAsnThrValPheSerMetTyxSerTyxGluMetLysGlyLys 200
Db 720 TACCTTATGCAACATGTATACACGGTGTTCAGCATGTACAGCTATGAAACAAAGGGA 779
Qy 201 SerAspThrSerSerAsnHisAlaValLeuLysLeuAlaValGlyAspGluValThrLeu 220
Db 780 TCAGATACATCCAGAACCAATGACAGTCTGAGAGTTGGCCAAAGAGATGAAGTCTGGCTA 839
Qy 221 ArgMetGlyAsnGlyAlaLeuHisGlyAspHisGlnArgPheSerThrPheAlaGlyPhe 240
Db 840 AGAATGGGCAACGGTGGCCCTCCATGGGACCAACCAAGCCTTCTCACTTCGCAAGCTTT 899
Qy 241 LeuLeuPheGluThrLys 246
Db 900 CTGCTTTTGAACATAAG 917

RESULT 6

US-09-188-930-203
; Sequence 203, Application US/09188930A
; Patent No. 6150502
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murison, James Greg
; TITLE OF INVENTION: Compositions Isolated From Skin Cells
; FILE REFERENCE: 11000.1011c1
; CURRENT APPLICATION NUMBER: US/09/188,930A
; CURRENT FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 348
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 203
; LENGTH: 1123
; TYPE: DNA
; ORGANISM: Rat
US-09-188-930-203

Alignment Scores:

Pred. No.: 1,41e-121 Length: 1123
Score: 1311.00 Matches: 236
Percent Similarity: 97.15% Conservative: 3
Best Local Similarity: 95.93% Mismatches: 7
Query Match: 95.90% Indels: 0

QY 141 GIUTRAAAILLEGIVASNPhepAvalMetThGlyArgPheGlyAlaProValSer 160
DB 421 GARACAAAYATHGNAAYTTTGTGGATGACGNGMNTTGGNCNCNCNCGTNNM 480
QY 161 GIVAlTYrPhePheThPheSerMetLysHISGlyAspValGluGluValTYrVal 180
DB 481 GGNGNTATATTTTAACTTTTSMNATGAGARCAVGARCAVGTNARARGNTTYGYN 540
QY 181 TYrLeuMetHISAsnGlyAsnThValPheSerMetTYrSerTYrGluMetLysGlyLys 200
DB 541 TAYYNTATGCAAYAAVGNAAVACNGTNTTYSNATGATAYMSNTAYGARATGARAGNAR 600
QY 201 SerAspThSerSerAsnHISAlaValLeuLysLeuAlaLysGlyAspGluValITPLeu 220
DB 601 WSNGAACWMSWMSNNAAYCAGCGNTNTNNAAYTNGCNAARGNAGAYGARGTNTGTYN 660
QY 221 ArgMetGlyAsnGlyAlaLeuHISGlyAspHISGlyArgPheSerThrPheAlaGlyPhe 240
DB 661 WGNATGGNAAYGNGCNTTNCAYGNGAYCAYCAMGNTTYSNACNTTTCGNGGNTTY 720
QY 241 LeuLeuPheGluThrLys 246
DB 721 YTNNTTTCGACACNAAR 738
RESULT 10
US-10-012-605C-7
Sequence 7, Application US/10012605C
Patent No. 6692748
GENERAL INFORMATION:
APPLICANT: Haldeman, Betty A.
APPLICANT: Thayer, Edward C.
APPLICANT: Sheppard, Paul O.
TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN
FILE REFERENCE: ZACRP3X2
CURRENT APPLICATION NUMBER: US/10/012,605C
CURRENT FILING DATE: 2002-08-14
PRIOR APPLICATION NUMBER: US 60/254,019
PRIOR FILING DATE: 2000-12-07
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 7
LENGTH: 957
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Degenerate polynucleotide sequence encoding a
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(957)
OTHER INFORMATION: n = A, T, C or G
US-10-012-605C-7
Alignment Scores:
Pred. No.: 4,79e-103 Length: 957
Score: 1124.50 Matches: 205
Percent Similarity: 64.264 Conservative: 0
Best Local Similarity: 64.264 Mismatches: 41
Query Match: 82.264 Indels: 73
DB: 4 Gaps: 1
US-10-036-041-2 (1-246) x US-10-012-605C-7 (1-957)
QY 1 MetLeuTrpArgGluInleuLleTYrTrpGluInleuAlaLeuPhePheLeuProPheCys 20
DB 1 AICGYTTGAGMGCARTTAAHTATYTGSCARITYTNTGCACTTNTTYYTTTNCNTTYTGY 60
QY 21 LeuCyGlnAspGluTYrMetGlu----- 28
DB 61 YTNNTGTCAGAGAYGARTATATGARGTNNWSNGMGNACNAAYAAAGTNGTNGCNGMNT 120

QY 28 ----- 28
DB 121 GTNCARMSNCAYCARCARCNGNGMNGMNSGNGMNGMNGAARCTNNMGARMG 180
QY 28 ----- 28
DB 181 WSNCAVCCNARACNGNACNGTNGAYAAVAAVACWMSNACGAYTTNAAARSVNTNMG 240
QY 28 ----- 28
DB 241 CCNGAYGARNTNCNCAVCCNGARGTNGAYGYTNGCNCARATHACNACTTTCGGGN 300
QY 29 -----SerProGlnThGlyGlyLeuProPheAspCysSerLysCysHISGlyAspTYr 47
DB 301 CARMSNCCNACARACNGNGNTTNCNCNGAYTGMSSNAATGTGTGCAYGNGAYTAY 360
QY 48 SerPheArgGlyTYrGluGlyProProGlyProProGlyProProGlyLys 67
DB 361 WNTTYMGNGTATCARCNGCNCNGCNCNGCNCNGCNCNGCNCNGNATTCNGNGMAY 420
QY 68 HISGlyAsnAsnGlyAsnAsnGlyAlaThrGlyHISGlyGlyAlaLysGlyGlyLysGly 87
DB 421 CAYGNAAYAAVAGNAAYAAVAGNGCNAENGNCAYGARGNGCNAARAGNARARGN 480
QY 88 AspLysGlyAspLeuGlyProArgGlyGlyArgGlyGlyHISGlyProLysGlyGlyLys 107
DB 481 GAYAAARGNGAYTNGCNCNGNGNGNGARMGNGNCARCAVAGNCNARAGNGARAR 540
QY 108 GLYTYrProGlyLysProProGlyLysGluLysAlaPheMetAlaSerLeuAlaThrHIS 127
DB 541 GGTATCCNGNATTCNCNCNARGATTCNARATHGCTTATATGCGMSNTTNCNACNAY 600
QY 128 PheSerAsnGlnAsnSerGlyLysPheSerSerValGluThrasnIleGlyAsnPhe 147
DB 601 TTYWSNAAVCARAAVWSNNGNATHTHTTYWSNMSGTNGARACNAAYATHGNAAYTYT 660
QY 148 PheAspValMetThGlyArgPheGlyAlaProValSerGlyValTYrPhePheThrPhe 167
DB 661 TTYGAYGNTATACNGMNGNTTYGNGCNCNGTNSNGNGTATAYTTTTCACNTTY 720
QY 168 SerMetMetLysHISGlyAspValGluGluValTYrValTYrLeuMetHISAsnGlyAsn 187
DB 721 WSNATGATTAACATGARGAYTNGARARGNTATATATATATATATATATATATATAT 780
QY 188 ThrValPheSerMetTYrSerTYrGluMetLysGlyLysSerAspThSerSerAsnHIS 207
DB 781 ACNGTNTTYSNATGTAWMSNTAYGARATGARAGNAAARWSNGAYAACNWSNNAAYCAY 840
QY 208 AlaValLeuLysLeuAlaLysGlyAspGluValITPLeuArgMetGlyAsnGlyAlaLeu 227
DB 841 GCNGTNTNNAAYTNGCNAARGNAGAYGARGTNTGTYTNGNATGGNAAYGNGCNGTYN 900
QY 228 HISGlyAspHISGlyArgPheSerThrPheAlaGlyPheLeuLeuPheGluThrLys 246
DB 901 CAYGNGAYCAYCAMGNTTYSNACNTTTCGNGGNTTYTNTTTCGACACNAAR 957
RESULT 11
US-09-621-976-3120
Sequence 3120, Application US/09621976
Patent No. 6639063
GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: ESTs and Encoded Human Proteins.
FILE REFERENCE: GENSET, 054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 3120
LENGTH: 494
TYPE: DNA

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; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 98..466
; NAME/KEY: misc_feature
; LOCATION: 461
; OTHER INFORMATION: n=a, g, c or t
US-09-621-976-3120

Alignment Scores:
Pred. No.: 3,93e-72 Length: 494
Score: 811.00 Matches: 156
Percent Similarity: 98.11% Conservative: 0
Best Local Similarity: 98.11% Mismatches: 2
Query Match: 59.33% Indels: 1
DB: 4 Gaps: 0

US-10-036-041-2 (1-246) x US-09-621-976-3120 (1-494)

QY 89 LysGlyAspLeuGlyProArgGlyGluArgGlyGlnHisGlyProIleGlyGlyGly 108
Db 2 AAAGGTACCTGGGGGCTCGAGGGGAGCKGGGGAGAGATGCCCAAGAGAGAGAGGC 61

QY 109 TyrProGlyIleProProGlyLeuGlnIleAlaPheMetAlaSerLeuAlaThrIlePhe 128
Db 62 TACCCGGGGATTCACACCAAGCTTCAGATTCATTCATTCCTTCGCGACACCTTC 121

QY 129 SerAsnGlnAsnSerGlyIleIlePheSerSerValGlnThrAsnIleGlyAsnPhe 148
Db 122 AGCAATAGAAACAGTGGGATTAATCTTCAGCAGTGTAGACCAACCAATTCGAACTTC 181

QY 149 AspValMetThrGlyArgPheGlyAlaProValSerGlyValTyrPhePheThrPheSer 168
Db 182 GATGTATGATGCTGTAGATTTGGGGGCCCAAGTATCAGGTGTATTTCTTCACCTTCAG 241

QY 169 MetMetIleHisGlyAspValGluGluValTyrValTyrLeuMetHisAsnGlyAsnThr 188
Db 242 ATATGAGAGATAGAGAGATGTGAGAGAGATGATGATGATGATGATGATGATGATGAT 301

QY 189 ValPheSerMetTyrSerTyrGlnMetIleGlySerAspHisSerAspHisSerAspHis 208
Db 302 GTCTTCGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 361

QY 209 ValLeuIleLeuAlaIleGlyAspGlyValTyrPheArgMetGlyAsnGlyAlaLeuHis 228
Db 362 GTCTGAGAGCTAGCAAGGAGATGAGTTCGGCTGGGATGAGGCAATGGCGCTTCAT 421

QY 229 GlyAspHisGlnArgPheSerThrPheAlaGlyPheLeu-LeuPheGlnThrIle 246
Db 422 GGGGACCAACCAAGCTTCACCTTCGAGAGATTCCTGCTTCGAAACTAAG 476

RESULT 12
US-09-513-999C-2872
; Sequence 2872, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J. B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J. Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59, US2, REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 2872
; LENGTH: 471
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
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; NAME/KEY: CDS
; LOCATION: 158..469
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 461
; OTHER INFORMATION: m=a or c
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 102
; OTHER INFORMATION: Xaa=His or Asn
US-09-513-999C-2872

Alignment Scores:
Pred. No.: 3,59e-63 Length: 471
Score: 721.00 Matches: 127
Percent Similarity: 99.22% Conservative: 0
Best Local Similarity: 99.22% Mismatches: 1
Query Match: 52.74% Indels: 1
DB: 4 Gaps: 0

US-10-036-041-2 (1-246) x US-09-513-999C-2872 (1-471)

QY 1 MetLeuTTPArgGlnLeuIleTyrTTPGlnLeuAlaLeuPheLeuProPheCys 20
Db 88 ATGCTTGGAGGACCTCATCTATTTGGCACTGCTGCTTTGTTTCTTCCTCTTTTGC 147

QY 21 LeuCysGlnAspGlyTyrMetGlySerProGlnThrGlyGlyLeuProPheAspCys 40
Db 148 CTGTGTCAAGATGATACATGAGATCTTCACAAACCGAGACATCCCCAGACTGCAGT 207

QY 41 IysCysCysHisGlyAspTyrSerPheArgGlyTyrGlnGlyProProGlyProProGly 60
Db 208 AAGTGTTCATGAGACATACAGCTTCAGGCTACCAAGGCCCTCGGGGCAACCGGC 267

QY 61 ProProGlyIleProGlyAsnHisGlyAsnAsnGlyAsnAsnGlyAlaThrGlyHisGlu 80
Db 268 CCTCTGCATTTCCAGAAACCATGGAACAATGGAACAATGGAACAATGGAACAATGGA 327

QY 81 GlyAlaIleGlyGlyLeuGlyAspIleGlyAspLeuGlyProArgGlyGlnValArgGly 100
Db 328 GAGGCCAAAGGTGAGAAAGGCGACAAAGGTGATGCTCGGGGCTCGAGGGGAGCGGGGCG 387

QY 101 HisGlyProIleGlyGlyGlyTyrProGlyIleProProGlyLeuGlnIleAlaPhe 120
Db 388 CATGGCCCCAAAGAGAGAGAGGCTACCCGGGATTCACACAGAACTTCAGATTGCATTC 447

QY 121 MetAlaSerLeuAlaThrHisPhe 128
Db 448 ATGGCTTCCTGGM-ACCCACTTC 470

RESULT 13
US-10-012-605C-5
; Sequence 5, Application US/10012605C
; Patent No. 6692748
; GENERAL INFORMATION:
; APPLICANT: Haldeman, Betty A.
; APPLICANT: Thayer, Edward C.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN
; FILE REFERENCE: 00-111
; CURRENT APPLICATION NUMBER: US/10/012,605C
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: US 60/254,019
; PRIOR FILING DATE: 2000-12-07
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 436
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
```

LOCATION: (1) ... (436)
US-10-012-605C-5

Alignment Scores:

Pred. No.: 1,32e-29 Length: 436
Score: 384.50 Matches: 72
Percent Similarity: 49.66% Conservative: 0
Best Local Similarity: 49.66% Mismatches: 0
Query Match: 28.13% Indels: 73
DB: 4 Gaps: 1

US-10-036-041-2 (1-246) x US-10-012-605C-5 (1-436)

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QY      12 LeuAlaLeuPhePheLeuProPheCysLeuGlnAspGluTyrMetGlu----- 28
DB      1 CTGGCTTGTGTTTCTCTCCCTTTTGTGCTGTCAAGATGATGATGAGGTGAGCGGA 60
QY      28 ----- 28
DB      61 AGACTAATAAAGTGTGGGCAAGATATGTCAAAGCCACGACAGACTGGCCGTAGCGGC 120
QY      28 ----- 28
DB      121 TCCAGAGGAGAAAGTGAAGAGGAGGAGCCATCTTAAAGTGGACTGTGATATATAC 180
QY      28 ----- 28
DB      181 ACTTCTACAGACCTAAATCCCTGAGACCAATGACCTACCCGAGGTAGATGAC 240
QY      29 -----SerProGlnThrGlyLeuProProAsp 38
DB      241 CTAGCCAGATACACACATTTGGGGGCGAGTCTCCAAACCGAGAGACTACCCCAAGAC 300
QY      39 CysSerLeuCyseHisGlyAspTyrSerPheArgGlyTyrGlnGlyProProGlyPro 58
DB      301 TGCAGTAATGTGTGTCAATGAGACATACAGCTTTCAGAGCTACCAAGGCCCTGGGCCA 360
QY      59 ProGlyProProGlyTyrProGlyAsnHisGlyAsnAsnGlyAsnAsnGlyAlaThrGly 78
DB      361 CCGGGCCCTCTGGCATTCACAGAAACCATGAAACATGCAACATGAGGCACTGGT 420
QY      79 HisGlnGlyAlaLeu 83
DB      421 CATGAAGAGCCAAA 435

RESULT 14
US-09-188-930-217
; Sequence 217, Application US/09188930A
; Patent No. 6150502
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murlson, James Greg
; TITLE OF INVENTION: Compositions Isolated From Skin Cells
; FILE REFERENCE: 11000.1011c1
; CURRENT APPLICATION NUMBER: US/09/188,930A
; CURRENT FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 348
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 217
; LENGTH: 1107
; TYPE: DNA
; ORGANISM: Rat
US-09-188-930-217

Alignment Scores:
Pred. No.: 3.36e-22 Length: 1107
Score: 316.00 Matches: 86
Percent Similarity: 42.62% Conservative: 41
Best Local Similarity: 28.86% Mismatches: 89

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Query Match: 23.12% Indels: 82
DB: 3 Gaps: 12

US-10-036-041-2 (1-246) x US-09-188-930-217 (1-1107)
QY      6 LeuIleTyrTrpGlnLeuLeuAlaLeuPheLeuProPheCysLeuGlnAspGlu 25
DB      174 ATGATCTCTGATGATGCTCTTGGCTGT--GCCCTTCCG-----TGTCTGTGAC 221
QY      26 TyrMet-----GluSerProGlnThrGlyLeuProProAspCys 39
DB      222 CCAATGCTTGTGCTTGTGCTGTCAGAGGACTTCCAGAAAGGCTGCTCACTGCTGTC 281
QY      40 SerLeuCyseHisGlyAspTyrSerPheArgGlyTyrGlnGlyProProGlyPro 59
DB      282 ACT-----CTGCCGTGCTCCCAAGGCCCACT 308
QY      60 GlyProProGlyTyrProGlyAsnHisGlyAsnAsnGlyAlaThrGlyHis 79
DB      309 GGCCCTCCAGAGCACACAGGATCTTCAGGAATGTGGGAAGATGGTTTCTGTGTAAG 368
QY      80 GlnGlyAlaLeuGlyGlyLeuGlyAspGlyAsp----- 91
DB      369 GATGGCAAGAGGCGACGAGACGAGACCGAGGAGGACAGTGAAGAAAGTCCACCTGGC 428
QY      92 -----Leu 92
DB      429 AGGACAGGCAACCGAAGAAACAGAGCAACCAAGGCAAGCTGGGCGCATTTGGAGAGCG 488
QY      93 GlyProArgGlyGlnArg-----GlyGln 100
DB      489 GGTCTCCAGAGACCCAAAGGGGCTCAGTGTATCCCGGGAAACATGTATACCGGGCAAG 548
QY      101 HisGlyProLeuGlyGlyLeuGlyTyrProGlyTyrPro----- 113
DB      549 AAGGACCTTAAGGCAAGAAAGGGAACCTGGGGCTCCAGGCCCTGTAGCTGGCGCAGT 608
QY      114 ProGluLeuGlnIleAlaPheMetAlaSerLeuAlaThrHisPheSerAsnGlnAsnSer 133
DB      609 ACCCGAGCCACACTCGGCTTTTCGGTGGCGTAAACCAAGATGACCATGAGCGCATG 668
QY      134 GlyIleIlePheSerSerValGlnThrAsnIleGlyAsnPhePheAspValMetThrGly 153
DB      669 CCATCAAGTTGACAGAGTTCTGATGAATGAGGGAGGCCACTACATCATTCAGTGGC 728
QY      154 ArgPheGlyAlaProValSerGlyValTyrPhePheThrPheSerMetMet----- 170
DB      729 AAGTTCGTCTGACAGCGTGCAGGAGATCTTACTTACTTACATTAAGCATTTACGTGGC 788
QY      171 LysHisGluAspValGlnGlnValTyrValTyrLeuMetHisAsnGlyAsnThrValPhe 190
DB      789 AAACAC-----CTGGCATCGGCTAGTGCACAAATGGCCAG-----TAC 827
QY      191 SerMetTyrSerTyrGlnMetLys---GlyLysSerAspThrSerSerAsnHisAlaVal 209
DB      828 CGCATTCGAGCTTTTGAACCCCAACCGGCAACACAGAGTGGCCCTCGGGCTTCACACATC 887
QY      210 LeuLysLeuAlaLeuGlyAspGlyValTyrPheLysArgMet-----GlyAsnGly 225
DB      888 CTAGCTCTCAAGAGAGGTATGATGAAGCTGTATACAGATTTTCTACTCGAGAGCAATGGA 947
QY      226 AlaLeuHisGlyAspHisGlnArgPheSerThrPheAlaGlyPheLeuLeuPhe 243
DB      948 CTCTTCTACAGACCTTATATGACCGACACCTGTTCACCGGCTTCTCATATAC 1001

RESULT 15
US-09-312-283C-217
; Sequence 217, Application US/09312283C
; Patent No. 6573095
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew

```



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; APPLICANT: Onrust, Rene
; APPLICANT: Murison, James G.
; APPLICANT: Kumble, Krishanand D.
; TITLE OF INVENTION: Compositions Isolated from Skin Cells
; TITLE OF INVENTION: and Methods for Their Use
; FILE REFERENCE: 1100.1011C2
; CURRENT APPLICATION NUMBER: US/09/312,283C
; NUMBER OF SEQ ID NOS: 425
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 217
; LENGTH: 1107
; TYPE: DNA
; ORGANISM: Mouse
; US-09-312-283C-217

Alignment Scores:
Pred. No.: 3,36e-22 Length: 1107
Score: 316.00 Matches: 86
Percent Similarity: 42.62% Conservative: 41
Best Local Similarity: 28.86% Mismatches: 89
Query Match: 23.12% Indels: 82
DB: 4 Gaps: 12

US-10-036-041-2 (1-246) x US-09-312-283C-217 (1-1107)
QY 6 Leu11eTyTrpGlnLeuAlaLeuPheLeuProPheCysLeuGlnaArg1u 25
DB 174 ATGATCTCTCGATGCTCTTGCGCTG--GCCCTTCG-----TGTGCTGCTGAC 221
QY 26 TyrMet-----GluSerProGlnThrGlyLeuProProaPyr 39
DB 222 CCAATGCTTGCTGCTTGCTTCGCGAGGACTTCAGAGGGGTGCTCCTCAATGCTGTGC 281
QY 40 SerTyrCysCysHisGlyAspTyrSerPheArgGlyTyrGlnGlyProProGlyProPro 59
DB 282 AGT-----CTGCTGTGCTCCCAAGGCCCAACCT 308
QY 60 GlyProProGlyLeuProGlyAsnHisGlyAsnAsnGlyAsnAsnGlyAlaThrGlyHis 79
DB 309 GGGCTCTCAGAGAGACCAAGATCTCTCAGAGATGCTGGAAGATGGTTTCTCTGCTAAG 368
QY 80 GlnGlyAlaLysGlyGlyLysGlyAspLysGlyAsp----- 91
DB 369 GATGGCCAGAGACGGCCGAGACCGAGACCGAGGAGACAGTGAGAGAGAGGTCCACTGGC 428
QY 92 -----Leu 92
DB 429 AGGACAGGCAACCGAGGAAAAACAAGACCAAGGGCAAGCTGGGCCATTGGAGAGCG 488
QY 93 GlyProArgGlyGlyArg-----GlyGln 100
DB 489 GGTCTCTCAGAGAGACCAAGGGGGTCACTGTAACCCCGGGAACATGTTATCCGGGCAAG 548
QY 101 HisGlyProLysGlyGlyLysGlyTyrProGlyLeuPro----- 113
DB 549 AAGGAACTTAAGGCAAGAAAGGGGAACCTGGGCTCCAGGCCCTCTAGCTGGGCAAT 608
QY 114 ProGlnLeuGlnLeuAlaPheMetAlaSerLeuAlaThrHisPheSerAsnGlnAsnSer 133
DB 609 AGCCGAGCCCAAGTCGGCTTTTCGGTGGCGGTAAACCAAGATTACCACTGAGCGACTG 668
QY 134 GlyLeuLeuPheSerSerValGluThrAsnHisGlyAsnAsnGlyAsnAsnGlyValMetThrGly 153
DB 669 CCCATCAAGTTTGAACAAGATTCGATGAATGAGGAGGCCATCAATGATCATCCAGTGGC 728
QY 154 ArgPheGlyAlaProValSerGlyValTyrPhePheThrPheSerMetMet----- 170
DB 729 AAGTTCGTTCGACGCGTGCAGGAGTCTATTACTTACCTATGACATTAACGTCGGCCAAC 788
QY 171 LysHisGlyLysAspValGlnGlyValTyrValTyrLeuMetHisAsnGlyAsnThrValPhe 190
DB 789 AAACAC-----CTGGCATGCGCTTACTGTGACAAATGCGCAG-----TAC 827

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QY 191 SerMetTyrSerTyrGluMetLys---GlyLysSerAspThrSerSerAsnHisAlaVal 209
DB 828 CCATTCGACCTTTTGACGCCCAACCGGCAACGACGAGCTCGGCTCCGACATC 887
QY 210 LeuLysLeuAlaLysGlyAspGlyValThrPheArgMet-----GlyAsnGly 225
DB 888 CTAGCTCTCAAGAGAGGTGATGAAGTCTGTTACAGATTTTCTACTCGAGCAGAAATGA 947
QY 226 AlaLeuHisGlyAspHisGlyAspHisGlyAspHisGlyAspHisGlyAspHisGlyAsp 243
DB 948 CTCTTCTAGACCCCTTATTTGACGACGACGACCTGTTCACCGGCTCTCATCTAC 1001

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Job time : 196 secs

GenCore version 5.1.6
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OM protein - nucleic search, using frame_plus_p2n model

Run on: February 24, 2005, 10:02:13 ; Search time 579 Seconds

(without alignments)
2511.195 Million cell updates/sec

Title: US-10-036-041-2

Perfect score: 1367
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Ygapop 10.0 , Ygapext 0.5
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Searched: 5384158 seqs, 2955248155 residues

Total number of hits satisfying chosen parameters: 10768316

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Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

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Database : Published Applications NA:*

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23: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1	1367	100.0	741	17	US-10-332-947-10	Sequence 10, Appl
2	1367	100.0	842	17	US-10-236-392-67	Sequence 67, Appl
3	1367	100.0	1696	15	US-10-012-605C-3	Sequence 3, Appl
4	1367	100.0	1696	16	US-10-322-164-1	Sequence 1, Appl
5	1367	100.0	1696	17	US-10-719-205-3	Sequence 3, Appl
6	1367	100.0	1712	10	US-09-931-836-1	Sequence 1, Appl
7	1367	100.0	1712	13	US-10-036-342-1	Sequence 1, Appl
8	1367	100.0	1712	13	US-10-036-041-1	Sequence 1, Appl
9	1367	100.0	1712	14	US-10-035-855-1	Sequence 1, Appl
10	1367	100.0	1712	14	US-10-035-214-1	Sequence 1, Appl
11	1367	100.0	1712	14	US-10-035-719-1	Sequence 1, Appl
12	1367	100.0	1712	14	US-10-036-160-1	Sequence 1, Appl
13	1367	100.0	1712	14	US-10-035-958-1	Sequence 1, Appl
14	1367	100.0	1712	14	US-10-036-150-1	Sequence 1, Appl
15	1367	100.0	1712	14	US-10-036-063-1	Sequence 1, Appl
16	1367	100.0	1712	15	US-10-035-977-1	Sequence 1, Appl
17	1367	100.0	1712	18	US-10-884-091-1	Sequence 1, Appl
18	1367	97.1	1468	18	US-10-490-318-37	Sequence 37, Appl
19	1320.5	96.6	957	15	US-10-012-605C-1	Sequence 1, Appl
20	1320.5	96.6	957	17	US-10-719-205-1	Sequence 1, Appl
21	1320.5	96.6	960	17	US-10-332-947-9	Sequence 9, Appl
22	1311	95.9	1035	10	US-09-866-050A-424	Sequence 424, App
23	1311	95.9	1035	14	US-10-152-661-424	Sequence 424, App
24	1311	95.9	1117	16	US-10-321-164-11	Sequence 11, Appl
25	1311	95.9	1123	10	US-09-866-050A-28	Sequence 28, Appl
26	1311	95.9	1123	10	US-09-866-050A-203	Sequence 203, App
27	1311	95.9	1123	14	US-10-152-661-28	Sequence 28, Appl
28	1311	95.9	1123	14	US-10-152-661-203	Sequence 203, App
29	1291.5	94.5	1927	17	US-10-169-395-59	Sequence 59, Appl
30	1262.5	89.7	755	17	US-10-236-392-65	Sequence 65, Appl
31	1208	88.4	1620	14	US-10-091-458-21	Sequence 21, Appl
32	1208	88.4	1620	17	US-10-191-254-21	Sequence 21, Appl
33	1197	87.6	2182	10	US-09-918-624B-9	Sequence 9, Appl
34	1171	85.7	738	16	US-10-321-164-10	Sequence 10, Appl
35	1124.5	82.3	957	15	US-10-012-605C-7	Sequence 7, Appl
36	1124.5	82.3	957	17	US-10-719-205-7	Sequence 7, Appl
37	849	62.1	1608	9	US-09-822-849A-359	Sequence 359, App
38	792.5	58.0	672	17	US-10-169-395-49	Sequence 49, Appl
39	602	44.0	400	17	US-10-242-535A-10353	Sequence 10353, A
40	602	44.0	400	17	US-10-085-783A-10353	Sequence 10353, A
41	574	42.0	327	17	US-10-242-535A-13340	Sequence 13340, A
42	574	42.0	327	17	US-10-085-783A-13340	Sequence 13340, A
43	513.5	37.6	546	14	US-10-052-283-240	Sequence 240, App
44	492.5	36.0	426	10	US-09-918-995-35651	Sequence 35651, A
45	406	29.7	320	17	US-10-242-535A-34961	Sequence 34961, A

ALIGNMENTS

RESULT 1
US-10-332-947-10
; Sequence 10, Application US/10332947
; Publication No. US20040092713A1
; GENERAL INFORMATION:
; APPLICANT: Agarwal, Pankaj
; APPLICANT: Cogswell, John P.
; APPLICANT: Lai, ying-Ta
; APPLICANT: Martensen, Shelby A.
; APPLICANT: Ritzl, Sofia K.
; APPLICANT: Smith, Randall F.
; APPLICANT: Strum, Jay C.
; APPLICANT: Xiang, ZhaoYing
; APPLICANT: Xie, Qing
; TITLE OF INVENTION: NOVEL COMPOUNDS
; FILE REFERENCE: GP50031
; CURRENT APPLICATION NUMBER: US/10/332,947
; CURRENT FILING DATE: 2003-08-19
; PRIOR APPLICATION NUMBER: PCT/US01/21985
; PRIOR FILING DATE: 2001-07-12

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; PRIOR APPLICATION NUMBER: 60/218,033
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: 60/226,517
; PRIOR FILING DATE: 2000-08-21
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 741
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-332-947-10

Alignment Scores:
Pred. NO.: 1,17e-148 Length: 741
Score: 1367.00 Matches: 246
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 17 Gaps: 0

US-10-036-041-2 (1-246) x US-10-332-947-10 (1-741)
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Db 1 ATGCTTGGAGCGAGCTCATCTATTTGGCACTGCTGCTTTGTTTCTCTCCCTTTTGC 60
QY 21 LeuCYsGInaSPGluTYrMetGluSerProGlnThrGlyLeuProProaSPCySer 40
Db 61 CTGTGTCAAGTGAATGATGAGTCTTCCACAAACCGAGAGACTACCCCGAGACTGAGT 120
QY 41 LysCYsCYsHisGlyAspTYrSerPheArgGlyTYrGlnGlyProProGlyProProGly 60
Db 121 AAGGTGTGTCAAGAGACTACAGCTTTCAGGCTACCAAGGCCCTCCGCGGCCACCGGGC 180
QY 61 ProProGlyLLeProGlyAsnHisGlyAsnAsnGlyAlaThrGlyHisGlu 80
Db 181 CCTCTGGCATTCAGAGAAACCATGGAACATGGAACATGAGCCACTGTGTCATGAA 240
QY 81 GlyAlaLysGlyGlyLysGlyAspLysGlyAspLeuGlyProaSPGlyGluArgGlyGln 100
Db 241 GGAAGCCAAAGTGAAGAGGCGCAAGAGTACCTGGGGCTCCAGGGGGCGGGGCGAG 300
QY 101 HisGlyProLysGlyGlyLysGlyTYrProGlyLLeProProGlyLeuGlnLeaLaph 120
Db 301 CATGGCCCAAGAGAGAGAGGCTACCGGGGATTCACAGAACTTCAGATTGCAATTC 360
QY 121 MetLaserLeuAlaThrHisPheSerAsnGlnAsnSerGlyLLePheSerSerVal 140
Db 361 ATGCTCTCTGCGCAACCACTTCAGCAATCAGAAAGTGGATTATCTTCAGCAGTGT 420
QY 141 GluThrAsnLLeGlyAsnPhePheAspValMetThrGlyArgPheGlyAlaProValSer 160
Db 421 GAGAGCCAACTTGAAGACTCTTGAAGTCACTGATGATTTGGGGCCCGCAATCA 480
QY 161 GlyAlaTYrPhePheThrPheSerMetMetLysHisGlnAspValGluGluValTYrVal 180
Db 481 GGTGTGATTTCTTCACCTTCAGCATGATGAGATGTTTGAAGAGTATAGT 540
QY 181 TYrLeuMetHisAsnGlyAsnThrValPheSerMetTYrSerTYrGluMetLysGlyLys 200
Db 541 TACCTTATGCAACATGGAACACAGCTCTTCAGCATGTACAGCTATGAAAGAGGGGCAA 600
QY 201 SerAspThrSerSerAsnHisAlaValLeuLysLeuLalLysGlyAspGluValLTPLeu 220
Db 601 TCAATATCATCCAGCAATCATGCTGTGTGCTGAAGCTTACGCAAGGGGATGAGTGTGCTG 660
QY 221 ArgMetGlyAsnGlyAlaLeuHisGlyAspHisGlnArgPheSerThrPheAlaGlyPhe 240
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QY 241 LeuLeuPheGluThrLys 246
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RESULT 2
US-10-236-392-67
; Sequence 67, Application US/10236392
; Publication No. US20040067490A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David W
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Burgess, Catherine, E
; APPLICANT: Casman, Stacie J
; APPLICANT: Casterton, Elina
; APPLICANT: Chapoval, Andrei
; APPLICANT: Crabtree, Julie
; APPLICANT: Edinger, Shlomil, R
; APPLICANT: Eilerman, Karen
; APPLICANT: Gerlach, Valerie
; APPLICANT: Gorman, Linda
; APPLICANT: Grosse, William M
; APPLICANT: Guzey, Vladimir
; APPLICANT: Kekuda, Ramesh
; APPLICANT: LaRocheille, William J
; APPLICANT: Li, Li
; APPLICANT: MacDougall, John R
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Miller, Charles E
; APPLICANT: Millet, Isabelle
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Paturajan, Meera
; APPLICANT: Pena, Carol A
; APPLICANT: Peyman, John A
; APPLICANT: Rastelli, Luca
; APPLICANT: Reiger, Daniel K
; APPLICANT: Rothenberg, Mark B
; APPLICANT: Shenoy, Suresh
; APPLICANT: Shinkets, Richard A
; APPLICANT: Smithson, Glenda
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442A
; CURRENT APPLICATION NUMBER: US/10/236,392
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US09/540,763
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: US60/390,155
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US09/635,949
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: US60/318,765
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: US60/357,303
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US60/367,753
; PRIOR FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: US60/369,479
; PRIOR FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: US09/659,634
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/318,130
; PRIOR FILING DATE: 2001-09-07
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 794
; SOFTWARE: Custom
; SEQ ID NO 67
; LENGTH: 842
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (49)..(787)
US-10-236-392-67

Alignment Scores:
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 Score: 1367.00 Matches: 246
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 17 Gaps: 0

US-10-036-041-2 (1-246) x US-10-236-392-67 (1-842)

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QY 21 LeuCySGlnAspGlnUtyrMetGluSerProGlnThrGlyGlyLeuProProAspCysSer 40
DB 109 CTGTGCAAGATGATACATGAGTCTCCCAAAACCGAGAGACTACCCCAAGACTGAGT 168
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DB 169 AAGTGTTCATGAGACATACAGCTTTCAGAGCTACCAAGGCCCCCTGGGCCACCGGGC 228
QY 61 ProProGlyTyrProGlyLeuAsnHisGlyAsnAsnGlyAsnAsnGlyAlaThrGlyHisGly 80
DB 229 CCTCTGCGCATTCACAGAAACCATGGAACCAATGCAACATGAGCCACTGGTCAATGAA 288
QY 81 GlyAlaLysGlyGlnUtyrMetGluSerPheArgGlyProArgGlyGlyLeuArgGlyGln 100
DB 289 GAGGCCAAAGTGAAGAGGCGCAAGAGTGAAGTGGCTGGGCGCTGAGAGGAGCGGGGCG 348
QY 101 HisGlyProLysGlyGlnUtyrMetGluSerProGlnThrGlyGlyLeuProProAspCysSer 120
DB 349 CATGGCCCCAAGAGAGAGAGGCTACCGGGGATTCACACAGACTTCAGATTGCAATTC 408
QY 121 MetAlaSerLeuAlaThrHisPheSerAsnGlnAsnSerGlyIleIlePheSerSerVal 140
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QY 241 LeuLeuPheGluThrLys 246
DB 769 CTGCTCTTTGAAACTAAG 786

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RESULT 3

US-10-012-605C-3
 ; Sequence 3, Application US/10012605C
 ; Publication No. US20030104602A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Haldean, Betty A.
 ; APPLICANT: Shepherd, Paul O.
 ; TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN
 ; FILE REFERENCE: 00-111
 ; CURRENT APPLICATION NUMBER: US/10/012,605C

CURRENT FILING DATE: 2002-08-14
 PRIOR APPLICATION NUMBER: US 60/254,019
 PRIOR FILING DATE: 2000-12-07
 NUMBER OF SEQ ID NOS: 23
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 3
 LENGTH: 1696
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: CDS
 LOCATION: (69) ... (806)
 US-10-012-605C-3

Alignment Scores:
 Pred. No.: 3.59e-148 Length: 1696
 Score: 1367.00 Matches: 246
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 15 Gaps: 0

US-10-036-041-2 (1-246) x US-10-012-605C-3 (1-1696)

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QY 1 MetLeuTPArGlnLeuIleTyrTrpGlnLeuLeuAlaLeuPheLeuProPheCys 20
DB 69 ATGCTTTGAGGAGAGCTCATCTATTGCGCAACTGCTGCTTTGTTTCTCCCTTTTTC
QY 21 LeuCySGlnAspGlnUtyrMetGluSerProGlnThrGlyGlyLeuProProAspCysSer 40
DB 129 CTGTGCAAGATGATACATGAGTCTCCCAAAACCGAGAGACTACCCCAAGACTGAGT 188
QY 41 LysCySGlnAspGlnUtyrMetGluSerPheArgGlyTyrGlnGlyProProGlyProProGly 60
DB 189 AAGTGTTCATGAGACATACAGCTTTCAGAGCTACCAAGGCCCCCTGGGCCACCGGGC 248
QY 61 ProProGlyTyrProGlyLeuAsnHisGlyAsnAsnGlyAsnAsnGlyAlaThrGlyHisGly 80
DB 249 CCTCTGCGCATTCACAGAAACCATGGAACCAATGCAACATGAGCCACTGGTCAATGAA 308
QY 81 GlyAlaLysGlyGlnUtyrMetGluSerPheArgGlyProArgGlyGlyLeuArgGlyGln 100
DB 309 GAGGCCAAAGTGAAGAGGCGCAAGAGTGAAGTGGCTGGGCGCTGAGAGGAGCGGGGCG 368
QY 101 HisGlyProLysGlyGlnUtyrMetGluSerProGlnThrGlyGlyLeuProProAspCysSer 120
DB 369 CATGGCCCCAAGAGAGAGAGGCTACCGGGGATTCACACAGACTTCAGATTGCAATTC 428
QY 121 MetAlaSerLeuAlaThrHisPheSerAsnGlnAsnSerGlyIleIlePheSerSerVal 140
DB 429 ATGGCTTCTCTGGCAACCCACTTCAGCAATCAGAACAGTGGGATTTATCTTCAGCACTGTT 488
QY 141 GluThrAsnIleGlyAsnPhePheAspValMetThrGlyArgPheGlyAlaProValSer 160
DB 489 GAGACCAACATGGAGAACTCTTGAATGATGATGATGATGATGATGATGATGATGATGAT 548
QY 161 GlyValTyrPhePheThrPheSerMetMetLysHisGlyAspValGlnGluValTyrVal 180
DB 549 GGTGTATATTTCTTCACTTCAGCATGATGAGAGATGTTGAGAGAGTATGTTG 608
QY 181 TyrLeuMetHisAsnGlyAsnThrValPheSerMetTyrSerTyrGlnUtyrMetLysGlyLys 200
DB 609 TACCTTATGCAACATGCAACACAGCTTCAGCATGATGATGATGATGATGATGATGATGAT 668
QY 201 SerAspThrSerSerAsnHisAlaValLeuLysLeuAlaLysGlyAspGluValTyrPhe 220
DB 669 TCAGATACATCCAGCAATCATGCTGTGCTGAGCTGCAAAAGGGATGAGTGTGGCTG 728
QY 221 ArgMetGlyAsnGlyAlaLeuHisGlyAspHisGlnArgPheSerThrPheAlaGlyPhe 240
DB 729 CGAATGGCAATGGCCCTCTCCATGGGAGCACCAACGCTTCTCCACCTTGGAGGATTC 788
QY 241 LeuLeuPheGluThrLys 246

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Db      789 CTGCTCTTTGAACCTAAG 806
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RESULT 4
US-10-321-164-1
; Sequence 1, Application US/10321164
; Publication No. US20030165530A1
; GENERAL INFORMATION:
; APPLICANT: Piddington, Christopher S.
; APPLICANT: Bishop, Paul
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACRP3
; FILE REFERENCE: 99-09
; CURRENT APPLICATION NUMBER: US/10/321,164
; PRIOR FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: US/09/552,225A
; PRIOR FILING DATE: 2000-04-19
; PRIOR APPLICATION NUMBER: 60/130,199
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 1696
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (69)...(806)
US-10-321-164-1

Alignment Scores:
Pred. No.:      3,59e-148      Length:      1696
Score:          1367.00        Matches:      246
Percent Similarity: 100.00%    Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match:    100.00%        Indels:      0
DB:             Gaps:         0

US-10-036-041-2 (1-246) x US-10-321-164-1 (1-1696)

QY      1 MetLeuTPARgGlLeuIleTyTrrpGlnLeuLeuAlaLeuPheLeuProPheCys 20
Db      69 ATGCTTTGAGGACGACTCATCTATTGGCAACTGCTGGCTTTGCTCTCTCTTTTGGC 128

QY      21 LeuCyGlnAspGluTyTmetGluSerProGlnThrGlyGlyLeuProProAspCysSer 40
Db      129 CTGTGTCAAGATGATATGAGTCTCCACAAACCGAGACATACCCCGAGACTGCAGT 188

QY      41 LysCyGSHisGlyAspTySerPheArgGlyTyGlnGlyProProGlyProProGly 60
Db      189 AAGTGTTCATGAGACTACAGCTTTCGAGGCTACCAAGCCCTGGGCGCACCGGCGC 248

QY      61 ProProGlyIleProGlyAsnHisGlyAsnHisGlyAsnHisGlyAlaThrGlyHisGlu 80
Db      249 CCTCCTGGGATTCAGAGAAACCATGAAACAATGGCAACAATGGCACTGTGCATGAA 308

QY      81 GlyAlaLysGlyGluLysGlyAspLysGlyAspLeuGlyProArgGlyGlyLysGlyGln 100
Db      309 GGAAGCCAAAGTGAAGAGGCGCAAAAGTGAACCTGGGCGCTCCAGGSGAGCGGGGCGAG 368

QY      101 HisGlyProLysGlyGluLysGlyTyTrrpGlyIleProProGlyLeuGlnIleAlaPhe 120
Db      369 CATGCCCCCAAGAGAGAGAGAGGCTACCGGGGATTTCCACCAAGAACTTCAGATTGCATTC 428

QY      121 MetAlaSerLeuAlaThrHisPheSerAsnGlnAsnSerGlyIleIlePheSerSerVal 140
Db      429 AAGGCTTCTCTGGCAACCCACTTCAGCAATCAAGAACAGTGGAGATTATCTTACAGAGTTT 488

QY      141 GluThrAsnIleGlyAsnPhePheAspValMetThrGlyArgPheGlyAlaProValSer 160
Db      489 GAGACCAACATTTGAAACTCTTTGATGTCTGATGATGATTTGGGGCCCGCATATCA 548

QY      161 GlyValIlyPhePheThrPheSerMetMetIlySHisGlyAspValGluGluValIlyVal 180
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Db      549 GGTGTGATTTCTTCACCTTCAGCATGATGAAGCATGAGATGTTGAGAGAGTATATG 608
QY      181 TyrLeuMetHisAsnGlyAsnThrValPheSerMetTyTrrpGluMetLysGlyLys 200
Db      609 TACCTTATGACATATGCAACACAGCTTCAGCATGATACGCTATGAAATGAAGGCAAA 668

QY      201 SerAspThrSerSerAsnHisAlaValLeuLysLeuAlaLysGlyAspGluValTrrpLeu 220
Db      669 TCAGATACATCCAGCAATCATGCTGTGCTGAAGCTACCAAGAGGGGATGAGGTTGGCTG 728

QY      221 ArgMetGlyAsnGlyAlaLeuHisGlyAspHisGlnArgPheSerThrPheAlaGlyPhe 240
Db      729 CGAATGGGCAATGGCCCTCTCCATGAGGACCAACCAAGCTTCTCCACCTTTCAGAGATTTC 788

QY      241 LeuLeuPheGluThrLys 246
Db      789 CTGCTCTTTGAACCTAAG 806

RESULT 5
US-10-719-205-3
; Sequence 3, Application US/10719205
; Publication No. US20040086971A1
; GENERAL INFORMATION:
; APPLICANT: Haldeman, Betty A.
; APPLICANT: Thayer, Edward C.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN
; FILE REFERENCE: 00-111
; CURRENT APPLICATION NUMBER: US/10/719,205
; PRIOR FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: US/10/012,605C
; PRIOR FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: US 60/254,019
; PRIOR FILING DATE: 2000-12-07
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 1696
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (69)...(806)
US-10-719-205-3

Alignment Scores:
Pred. No.:      3,59e-148      Length:      1696
Score:          1367.00        Matches:      246
Percent Similarity: 100.00%    Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match:    100.00%        Indels:      0
DB:             Gaps:         0

US-10-036-041-2 (1-246) x US-10-719-205-3 (1-1696)

QY      1 MetLeuTPARgGlLeuIleTyTrrpGlnLeuLeuAlaLeuPheLeuProPheCys 20
Db      69 ATGCTTTGAGGACGACTCATCTATTGGCAACTGCTGGCTTTGCTCTCTCTTTTGGC 128

QY      21 LeuCyGlnAspGluTyTmetGluSerProGlnThrGlyGlyLeuProProAspCysSer 40
Db      129 CTGTGTCAAGATGATATGAGTCTCCACAAACCGAGACATACCCCGAGACTGCAGT 188

QY      41 LysCyGSHisGlyAspTySerPheArgGlyTyGlnGlyProProGlyProProGly 60
Db      189 AAGTGTTCATGAGACTACAGCTTTCGAGGCTACCAAGCCCTGGGCGCACCGGCGC 248

QY      61 ProProGlyIleProGlyAsnHisGlyAsnHisGlyAsnHisGlyAlaThrGlyHisGlu 80
Db      249 CCTCCTGGGATTCAGAGAAACCATGAAACAATGGCAACAATGGCACTGTGCATGAA 308

QY      81 GlyAlaLysGlyGluLysGlyAspLysGlyAspLeuGlyProArgGlyGlyLysGlyGln 100
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Db 309 GAGGCCAAAGGTGAGAGGGCCAGCAAGGTGACCTTGAGGGGAGCGGGGAG 368
Qy 101 HisgIyProLySgIyGluLySgIyTyrrProglIyLeProglIyLeuGlIyLeaIape 120
Db 369 CATGGCCCCAAGAGAGAGAGGGCTACCGGGGATTCACCAAGACTTCAGATTGATTC 428
Qy 121 MetAlaSerLeuAlaThrHisPheSerArgInaSerGlyIleIlePheSerSerVal 140
Db 429 AAGGCTCTCTGGCAACCCACTTCAGCAATCAGAACAGTGGGATTTCTTCAGCACTGTT 488
Qy 141 GluThrAsnIleGlyAsnPhPheAspValMetThrGlyArgPhgIyIaProValSer 160
Db 489 GAGACCAACATTGGAAACTCTTTGATGTCATGACTGATGATTTGGGCCCCAGTATCA 548
Qy 161 GlyValIyrrPhePheThrPheSerMetLysHisgIyAspValGluGluValIyrrVal 180
Db 549 GGTGTGTATTTCTTCACCTTCAGCATGATGAAAGCATGAGAGATGTTGAGAGTATG 608
Qy 181 TyrrLeuMetHisAsnGlyAsnThrValPheSerMetTyrrSerTyrrGluMetLysgIyLy 200
Db 609 TACCTTATGCAACAATGGCAACAGCTTCAGCATGTACAGCTATGAAATGAAGGGCAAA 668
Qy 201 SerAspThrSerSerAsnHisAlaValLeuLyLeuAlaLySgIyAspGluValITpIleu 220
Db 669 TAGATACATCCAGCAATCATGCTGTGCTGAGAGCTAGCCAAAGGGGATGAGTTGGCTG 728
Qy 221 ArgMetGlyAsnGlyAlaLeuHisgIyAspHisgInArgPheSerThrPheAlaGlyPhe 240
Db 729 CGAATGGGCAATGGGCTCTCCATGGGAGCAACCAAGCTTCCACCTTTGAGGATTC 788
Qy 241 LeuLeuPheGluThrIyS 246
Db 789 CTGCTCTTTGAAACTAAG 806

RESULT 6
US-09-931-836-1
Sequence 1, Application US/09931836
Publication No. US20030027249A1
GENERAL INFORMATION:
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Aiscin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Matanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3030R1C1
CURRENT APPLICATION NUMBER: US/09/931, 836
CURRENT FILING DATE: 2001-08-16
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/112514
PRIOR FILING DATE: 1998-12-15
PRIOR APPLICATION NUMBER: 60/113300
PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/113430
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113605
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113621
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/114140
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/115552
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/116843
PRIOR FILING DATE: 1999-01-22

PRIOR APPLICATION NUMBER: 60/125774
PRIOR FILING DATE: 1999-03-23
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PRIOR APPLICATION NUMBER: 60/125826
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PRIOR FILING DATE: 1999-04-21
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PRIOR APPLICATION NUMBER: 60/132371
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/132379
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/132383
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/135750
PRIOR FILING DATE: 1999-05-25
PRIOR APPLICATION NUMBER: 60/138166
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/144791
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/146970
PRIOR FILING DATE: 1999-08-03
PRIOR APPLICATION NUMBER: 60/162506
PRIOR FILING DATE: 1999-10-29
PRIOR APPLICATION NUMBER: 09/311832
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 09/380142
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/644848
PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 09/747259
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: 09/816744
PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 09/854208
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/854280
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/874503
PRIOR FILING DATE: 2001-06-05
PRIOR APPLICATION NUMBER: 09/869599
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: 09/908, 827
PRIOR FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US99/10733
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/US99/28551
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30720
PRIOR FILING DATE: 1999-12-22
PRIOR APPLICATION NUMBER: PCT/US00/05601
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR FILING DATE: 2000-03-02
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US00/15264
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: PCT/US00/23522
PRIOR FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: PCT/US00/23328


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PRIOR APPLICATION NUMBER: 60/132383
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/135750
PRIOR FILING DATE: 1999-05-25
PRIOR APPLICATION NUMBER: 60/138166
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/144791
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/146970
PRIOR FILING DATE: 1999-08-03
PRIOR APPLICATION NUMBER: 60/162506
PRIOR FILING DATE: 1999-10-29
PRIOR APPLICATION NUMBER: 09/311832
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 09/380142
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/644848
PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 09/747259
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: 09/816744
PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 09/854208
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/854280
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PRIOR APPLICATION NUMBER: 09/874503
PRIOR FILING DATE: 2001-06-05
PRIOR APPLICATION NUMBER: 09/869599
PRIOR FILING DATE: 2001-06-29
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PRIOR FILING DATE: 1999-05-14
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PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR FILING DATE: 2000-03-02
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PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US00/15264
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: PCT/US00/23522
PRIOR FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: PCT/US00/23328
PRIOR FILING DATE: 2000-08-24
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
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PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: PCT/US01/17800
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: PCT/US01/19692
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 1
LENGTH: 1712
TYPE: DNA
ORGANISM: Homo Sapien
US-10-036-342-1
Alignment Scores: 3,64e-148 Length: 1712
Pred. No.:

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Score: 1367.00 Matches: 246
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 13 Gaps: 0
US-10-036-041-2 (1-246) x US-10-036-342-1 (1-1712)
QY 1 MetLeuTPRAyGhInLeu1eTyTTPgInLeuLeu1aLeuPheLeuProPheCyS 20
Db ATGCTTTGGAGGACACTCATCTATTGGCAACGCTGGCTTTGTTTCTCCCTTTTTC 136
QY 21 LeuCySgInAspGluTyMeGluSerProGInThrgLyGlyLeuProPheCySser 40
Db CTGTGCAAGATGAATACATGGAGTCTCCAAACCGAGAGCTACCCCAAGCTGCAGT 196
QY 41 LysCySgYHsGlyAspTySerPheArGlyTyGInGlyProProGlyProProGly 60
Db AGGTGTTCATGAGACTACAGCTTTGAGGCTACCAAGGCCCTGGCCACCGGC 256
QY 61 ProProGlyTLeProGlyAsnHsGlyAsnAsnGlyAsnAsnGlyAlaThrgLyHsGlu 80
Db CCTCTGGCATTCAGGAACCATGGAAACAATGGCAACAATGGAGCCACTGTCATGAA 316
QY 81 GlyAlaYsGlyGluLyGlyAspLyGlyAspLyGlyProArGlyGlyAlaArgGlyGln 100
Db GGAGCCAAAGGTGAAGAGGCGCAAGGTGACTGGGGCTTCGAGGGGAGCGGGCG 376
QY 101 HisGlyProLyGlyGlyLyGlyTyTyProGlyTLeProProGlyLeuGlnTLeAlaPhe 120
Db CATGCCCAAGAGAGAGAGAGGCTACCCGGGATTCACCAAGACTTCAGATTGCATTC 436
QY 121 MetAlaSerLeuAlaThrhAsPheSerAsnGlnAsnSerGlyTLePheSerSerVal 140
Db ATGGCTTCTCTGGCAACCACTTCAGCAATCAGACAGTGGGATTAATCTTCAGCAGTGT 496
QY 141 GluThraSnTLeGlyAsnPhaPheArValMetThrgLyArgPhGlyValaProValSer 160
Db GAGACCAACATTGGAACCTCTTATGATGCATGAGCTGAGTGGATTTGGGGCCCAATCA 556
QY 161 GlyValTyTyPhePheThrhPheSerMetCLeYshHsGlyAspValGluGlyValTyTyVal 180
Db GGTGTGTAATTTCTTCACTTCAGCATGATGAGCATGAGGATGAGGAATGATATG 616
QY 181 TyTyLeuMetHsAsnGlyAsnThryValPheSerMetTyTySerTyTyGluMetLyGly 200
Db TACCTTAAGCAACAATGGCAACAAGCTTCAGCATGTACAGCTTAATGAATGAAGGCCAA 676
QY 201 SerAspThrhSerSerAsnHsAlaValLeuYsLeuAlaYsGlyAspGlyValTyTyPhe 220
Db TCAGATACATCCAGAAATCATCTGTGTGAAGCTAGCCAAAGGGGATGAGTTGGCTG 736
QY 221 ArgMetGlyAsnGlyAlaLeuHsGlyAsnPhHsGlnArgPheSerThrhPheAlaGlyPhe 240
Db CGAATGGGCAATGGGGCTCTCCATGGGACCAACCAAGCTTCCACCTTTGAGGATTC 796
QY 241 LeuLeuPheGluTyThryLys 246
Db CTGCTCTTTGAAACTAAG 814
RESULT 8
US-10-036-041-1
Sequence 1, Application US/10036041
Publication No. US20020192751A1
GENERAL INFORMATION:
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Matanabe, Colin K.

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APPLICANT: Wood,William I.
 APPLICANT: Zhang,Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 TITLE OF INVENTION: ACIDS ENCODING THE SAME
 FILE REFERENCE: P3030R1C8
 CURRENT APPLICATION NUMBER: US/10/036,041
 PRIOR FILING DATE: 2001-12-26
 PRIOR APPLICATION NUMBER: 60/085579
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/112514
 PRIOR FILING DATE: 1998-12-15
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 PRIOR FILING DATE: 1998-12-23
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 PRIOR FILING DATE: 1999-08-03
 PRIOR APPLICATION NUMBER: 60/162506
 PRIOR FILING DATE: 1999-10-29
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 PRIOR FILING DATE: 1999-05-14
 PRIOR APPLICATION NUMBER: 09/380142
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 PRIOR APPLICATION NUMBER: 09/644848
 PRIOR FILING DATE: 2000-08-22
 PRIOR APPLICATION NUMBER: 09/747259
 PRIOR FILING DATE: 2000-12-20
 PRIOR APPLICATION NUMBER: 09/816744
 PRIOR FILING DATE: 2001-03-22
 PRIOR APPLICATION NUMBER: 09/854208
 PRIOR FILING DATE: 2001-05-10

PRIOR APPLICATION NUMBER: 09/854280
 PRIOR FILING DATE: 2001-05-10
 PRIOR APPLICATION NUMBER: 09/874503
 PRIOR FILING DATE: 2001-06-05
 PRIOR APPLICATION NUMBER: 09/869599
 PRIOR FILING DATE: 2001-06-29
 PRIOR APPLICATION NUMBER: 09/908,827
 PRIOR FILING DATE: 2001-07-18
 PRIOR APPLICATION NUMBER: PCT/US99/10733
 PRIOR FILING DATE: 1999-05-14
 PRIOR APPLICATION NUMBER: PCT/US99/28551
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/30720
 PRIOR FILING DATE: 1999-12-22
 PRIOR APPLICATION NUMBER: PCT/US00/05601
 PRIOR FILING DATE: 2000-03-01
 PRIOR APPLICATION NUMBER: PCT/US00/05841
 PRIOR FILING DATE: 2000-03-02
 PRIOR APPLICATION NUMBER: PCT/US00/14042
 PRIOR FILING DATE: 2000-05-22
 PRIOR APPLICATION NUMBER: PCT/US00/15264
 PRIOR FILING DATE: 2000-06-02
 PRIOR APPLICATION NUMBER: PCT/US00/23522
 PRIOR FILING DATE: 2000-08-23
 PRIOR APPLICATION NUMBER: PCT/US00/23328
 PRIOR FILING DATE: 2000-08-24
 PRIOR APPLICATION NUMBER: PCT/US00/32678
 PRIOR FILING DATE: 2000-12-01
 PRIOR APPLICATION NUMBER: PCT/US00/34956
 PRIOR FILING DATE: 2000-12-20
 PRIOR APPLICATION NUMBER: PCT/US01/06520
 PRIOR FILING DATE: 2001-02-28
 PRIOR APPLICATION NUMBER: PCT/US01/17800
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 PRIOR APPLICATION NUMBER: PCT/US01/19692
 PRIOR FILING DATE: 2001-06-20
 PRIOR APPLICATION NUMBER: PCT/US01/21066
 PRIOR FILING DATE: 2001-06-29
 PRIOR APPLICATION NUMBER: PCT/US01/21735
 PRIOR FILING DATE: 2001-07-09
 NUMBER OF SEQ ID NOS: 80
 SEQ ID NO 1
 LENGTH: 1712
 TYPE: DNA
 ORGANISM: Homo Sapien
 US-10-036-041-1
 Alignment Scores:
 Pred. No.: 3,64e-148 Length: 1712
 Score: 1367.00 Matches: 246
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 Gaps: 0
 DB: 13
 US-10-036-041-2 (1-246) x US-10-036-041-1 (1-1712)
 QY 1 MetLeuTPaTgGlnLeuIleTyTTPGlnLeuAlaLeuPheLeuProPheCys 20
 DB 77 ATGCTTGGAGGCGAGCTCATCTATTGGCAACTGCTGCTTTGTTTCTCCCTTTTGGC 136
 QY 21 LeuCySGlnAePgyuTyTMeTgluSeProlnThrglygylauProProAspCysSer 40
 DB 137 CTGTGTCAAGATGAATATGAGATCTCCACAAACCGAGGACTACCCCGAGACTGCAGT 196
 QY 41 LysCySGlnIsglyAePtyrSerPheArGlyTyTgInglyProProGlyProProGly 60
 DB 197 AAGTGTCTCATGAGACTTAAGCTTTGAGGCTTACCAAGCCCCCTGGGCGCACCGGCG 256
 QY 61 ProProGlyIleProGlyAsnHnIsglyAsnAnnglyAsnAnnglyAlaThrGlyHnIsglu 80
 DB 257 CCTCTGGCATTCAGAGAAACATGAAACAAATGGAACAAATGAGCCACTGTCATGAA 316

QY 81 GYALALYSGLYGLULYSGLYAPPLYSGLYAPLEUGLYPROARGLYGLULARGLYGLN 100
DB 317 GGAGCCAAAGGTGAGAGAGGCGCAAGGTGACCTGGGGCTTCGAGGGAGCGGGGCGAG 376
QY 101 HISGLYPROLYSGLYGLULYSGLYTYRPROGLYILEPROGLYULDEUGLNIIEALAPHE 120
DB 377 CATGCCCCCAAGAGAGAGAGGCGTACCCGGGGATTCCACGAACTTCAGATTGATTC 436
QY 121 METALASERLEUALIETHRISPHESERANGINASNSERYLLEIIPHESESERVAL 140
DB 437 ATGGCTCTCTGCAACCACTTCAGCATCAGAACAGTGGATTTATCTTCAGCAGTGT 496
QY 141 GLUTTHRAENILLEGLYASNPHHEAPVALMETTHGLYARGPHEGLYALPROVALSER 160
DB 497 GAGACCAACATTGGAACCTCTTTGATGTCATGACGTGATGATTTGGGGCCCAATATCA 556
QY 161 GLYVALTYRPHHEPHEPHESEMETLYSHISGLIASPYALGLUGLYVALTYRVAL 180
DB 557 GGATGTATTTCTTCACCTTCAGCATGATGAAAGCATGAGAGTGTGAGAGAGTGTATG 616
QY 181 TYRLEUMETHIASNGLYASNTHRYALPHESERMETYRSEYRGLUMETLYSGLYYS 200
DB 617 TACCTTATGCAACATGCAACACAGTCTTCAGCATGATGAGATGTTGAGAGAGTGTATG 676
QY 201 SERAPHTHSESRASHISALVALLEULYGLEUALYGLYASPGLYVALTTPLEU 220
DB 677 TCAGATACATCCAGCAATCATCTGTGCTGAGCTAGCCAAAGGGGATAGGTTGGCTG 736
QY 221 ARGMETGLYASNGLYVALALEUHLISGLYASPHISGLIARGPHESETHRHEALAGLYPE 240
DB 737 CGAATGGGCAATGGCCCTTCATGAGGAGCACCAACGCTTCCACCTTTGACAGATTTC 796
QY 241 LEULEUPHEGLUTHRILYS 246
DB 797 CTGCTCTTTGAAACTAAG 814

RESULT 9
US-10-035-855-1
; Sequence 1, Application US/10035855
; Publication No. US20030008348A1
; GENERAL INFORMATION:
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3030R1C4
; CURRENT APPLICATION NUMBER: US/10/035, 855
; CURRENT FILING DATE: 2001-12-26
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/112514
; PRIOR FILING DATE: 1998-12-15
; PRIOR APPLICATION NUMBER: 60/113300
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/113430
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; PRIOR APPLICATION NUMBER: 60/115552
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/116843

; PRIOR FILING DATE: 1999-01-22
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; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 60/125778
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 60/125826
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; PRIOR APPLICATION NUMBER: 60/135750
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; PRIOR APPLICATION NUMBER: 60/138166
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/144791
; PRIOR FILING DATE: 1999-07-20
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; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/162506
; PRIOR FILING DATE: 1999-10-29
; PRIOR APPLICATION NUMBER: 09/311832
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; PRIOR APPLICATION NUMBER: 09/380142
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/644848
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 09/747259
; PRIOR FILING DATE: 2000-12-20
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; PRIOR APPLICATION NUMBER: 09/854208
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: 09/854280
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: 09/874503
; PRIOR FILING DATE: 2001-06-05
; PRIOR APPLICATION NUMBER: 09/869599
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 09/908, 827
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US99/10733
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/US99/28551
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30720
; PRIOR FILING DATE: 1999-12-22
; PRIOR APPLICATION NUMBER: PCT/US00/05601
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: 2000-03-02
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: PCT/US00/15264
; PRIOR FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23

PRIOR APPLICATION NUMBER: PCT/US00/23328
PRIOR FILING DATE: 2000-08-24
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: PCT/US00/34956
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: PCT/US01/06520
PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: PCT/US01/17800
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: PCT/US01/19692
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 1
LENGTH: 1712
TYPE: DNA
ORGANISM: Homo Sapien
US-10-035-855-1

Alignment Scores:
Pred. No.: 3,64e-148 Length: 1712
Score: 1367.00 Matches: 246
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
Gaps: 0

US-10-036-041-2 (1-246) x US-10-035-855-1 (1-1712)

Qy 1 MetLeuThpAArgGlnLeuLleTyTrGlnLeuLeuAlaLeuPheLeuProPheCys 20
Db 77 ATGCTTTGAGGCGAGCTCATCTATTGCAATGCTGCTGTTGTTTCTCCCTTTTGC 136
Qy 21 LeuCySglnApgGlnTyMetGlnSerProGlnThrGlyLeuProPheCysSer 40
Db 137 CTGCTCAAGATGAAATCACTGAGTCTCCCAACCGGAGGACTACCCCAAGATGAGT 196
Qy 41 LysCySglnApgGlnTyMetGlnSerPheArgGlyTyTrGlnGlyProPheCys 60
Db 197 AAGGTGTTGTCATGAGGCTACAGCTTTCGAGGCTACCAAGGCCCCCTGGGCGCACCGGC 256
Qy 61 ProProGlyLeuProGlyAasnHisGlyAasnAsnGlyAasnAsnGlyAlaThrGlyHisGlu 80
Db 257 CCTCTGGCATTCAGAGAAACATGAAACATGAGCAACATGAGGCACTGTCATGAA 316
Qy 81 GlyAlaLysGlyGlnLysGlyAAspLysGlyAAspLeuGlyProArgGlyGluArgGlyGln 100
Db 317 GAGACCAAGGTGAGAGGCGGAGCAAAAGTGAACCTGGGGCTCGAGGGGAGCGGGGCGAG 376
Qy 101 HisGlyProLysGlyGlnLysGlyTyTrProGlyLleProProGlnLeuGlnLleAlaPhe 120
Db 377 CATGGCCCCAAGAGAGAGGAGGCTACCGGGGATTCACACAGAACTTCAGATTGCAATTC 436
Qy 121 MetLaseLseLeuAlaThrHisPheSerAsnGlnAsnSerGlyLleLlePheSerSerVal 140
Db 437 ATGGCTTCTCTGGCAACCCACTTCAGCAATCAGAAAGTGGAGTAATCTTCAGAGAGTT 496
Qy 141 GlnThrAsnLleGlyAasnPhePheAspValMetThrGlyAArgPheGlyAlaProValSer 160
Db 497 GAGGCCAAACTGGAACCTTCTTGAATGTCATGACTGTAATTTGGGGCCCAAGTATCA 556
Qy 161 GlyValTyPhePheThrPheSerMetMetLysHisGlnAspValGlnGlnValTyTrVal 180
Db 557 GGATGTATTTCTTCACCTTCAGCATGATGAGCATGAGATGTTGAGGAAGTATAGT 616
Qy 181 TyLeuMetHisAsnGlyAasnThrValPheSerMetTyTrSerTyTrGlnMetLysGlyLys 200
Db 617 TACCTTATGCAATGAGCAACACAGTCTTCAGCATGTAAGCTATGAAAGAGGCGAAA 676

Qy 201 SerAspThrSerSerAsnHisAlaValLeuLysLeuAlaLysGlyAAspGlnValTrpLeu 220
Db 677 TCAGATACATCCAGCATATCATCTGTGCTGAAGCTAGCCAAAGGAGATGAGGTTGGCTG 736
Qy 221 ArgMetGlyAasnGlyAlaLeuHisGlyAAspHisGlnAArgPheSerThrPheAlaGlyPhe 240
Db 737 CGAATGGGCAATGGGCGCTCTCCATGGGGAGCACCAACCTTCTCCACCTTGGCAGAGATTC 796
Qy 241 LeuLeuPheGlnThrLys 246
Db 797 CTGCTTTGAAACTAAG 814
RESULT 10
US-10-036-214-1
Sequence 1, Application US/10036214
Publication No. US20030032061A1
GENERAL INFORMATION:
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3030R1C11
CURRENT APPLICATION NUMBER: US/10/036,214
PRIOR FILING DATE: 2001-12-26
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/112514
PRIOR FILING DATE: 1998-12-15
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;; PRIOR APPLICATION NUMBER: 09/908,827
;; PRIOR FILING DATE: 2001-07-18
;; PRIOR APPLICATION NUMBER: PCT/US99/10733
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;; PRIOR APPLICATION NUMBER: PCT/US01/21066
;; PRIOR FILING DATE: 2001-06-29
;; PRIOR APPLICATION NUMBER: PCT/US01/21735
;; PRIOR FILING DATE: 2001-07-09
;; NUMBER OF SEQ ID NOS: 80
;; SEQ ID NO 1
;; LENGTH: 1712
;; TYPE: DNA
;; ORGANISM: Homo Sapien
US-10-036-214-1

Alignment Scores:

Pred. No.: 3,64e-148 Length: 1712
Score: 1367.00 Matches: 246
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 14 Gaps: 0
US-10-036-041-2 (1-246) x US-10-036-214-1 (1-1712)
QY 1 MetLeuTPaRGlnLeuIleTyRfpgInleuLeuAlaLeuPheLeuProPheCyS 20
DB 77 ATGCTTGAGGCACTCATCTATTGGCAAGCTGGCTTTGTTTCTCCCTTTTTC 136
QY 21 LeuCyGlnaSpGluTyRmeGluSeRProGlnThrGlyLeuProProaSpCySeR 40
DB 137 CTGTGTCAAGATGATGATGAGTGTCTCAAAACGAGGAGCTACCCCAACATGCACAT 196
QY 41 LysCySbSHaGlyAspTySeRPhaRgGlyTyRgInGlyProProGlyProProGly 60
DB 197 AAGTGTTCATGAGACTACAGCTTTGAGGCTTCAAGGCCCTCCCTGGGCACTGGCC 256
QY 61 ProProGlyIleProGlyAsnHisGlyAsnAsnGlyAsnAsnGlyAlaThrGlyHisGly 80
DB 257 CCTCTGGGATTCAGGAACCATGGAACATGGAACATGGAACCATGGAACCATGGAAC 316
QY 81 GlyAlaIyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGly 100
DB 317 GGAGCCAAAGGTGAGAGAGGCGCAAGGTGACCTGGGGCCCTCGAGGGAGCGGGGGCG 376
QY 101 HsGlyProIyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGly 120
DB 377 CATGGCCCCAAGGAGAGAGGCTTACCCGGGGATTCACAGAACTTCAGATGGATTG 436
QY 121 MetAlaSerLeuAlaThrHisPheSerAsnGlnAsnSerglyIleIephSerSerVal 140
DB 437 ATGGCTTCCTGCGCAACCATCTTCAGCAATGAAAGCAAGTGGGATTAATCTTCAGCG 496
QY 141 GluThrAsnIleGlyAsnPhaSpValMetThrGlyAsnPhaGlyAlaProValSer 160
DB 497 GAGACCAACATTTGAACTCTTTGATGTCATGATGATGATGATGATGATGATGATG 556
QY 161 GlyValTyRPhaPheThrPheSerMetCysHisGlyAspValGluGlyValTyRVal 180
DB 557 GGTGTGATTTTCTTCACTTCAGCATGATGATGATGATGATGATGATGATGATGATG 616
QY 181 TyrLeuMetHisAsnGlyAsnThrValPheSerMetTyRSerTyRGlumetLysGly 200
DB 617 TACCTTAGCACAATGGCAACACAGCTTCAGCATGATGATGATGATGATGATGATG 676
QY 201 SerAspThrSerSerAsnHisAlaValLeuLysLeuAlaIyGlyAspGlyValTrrLeu 220
DB 677 TCAGATTAATCCAGCAATCATCTGTGTGAGCTTCAAGGAGGAGGAGGAGGAGGAGG 736
QY 221 ArgMetGlyAsnGlyAlaLeuHisGlyAsnPhaGlyGlnArgPheSerThrPheAlaGlyPhe 240
DB 737 CGAATGGGCAATGGGCTCTCCATGGGAGCAACAAGCTTCCACCTTTGAGGATTC 796
QY 241 LeuLeuPheGluThrLys 246
DB 797 CTGCTCTTTGAACCTAAG 814
RESULT 11
US-10-035-719-1
; Sequence 1, Application US/10035719
; Publication No. US20030036114A1
; GENERAL INFORMATION:
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Stewart, Timothy A.

QY 81 GYALALVSGLYGULYSGLYASPLYSGLYASPLEUGLYPROARGLYVGLUARGLYGIN 100
DB 317 GGAAGCCAAAGGTAGAGAGGCGACAAAGGTGACCTTGAGGCGCGGCGGCGAG 376
QY 101 HISGLYPROLYSGLYGULYSGLYTYRPROGLYILEPROGLYUENGLILEALPHE 120
DB 377 CATGGCCCCAAGAGAGAGAGGCGTCCCGGGGATTCACACGAACTTCAGATTGCATTC 436
QY 121 METALASERLEUALATHRISAPSESERANGIASNSESGLYILELLEPSESERVAL 140
DB 437 ATGGCTTCTCTGGCAACCCACTTCAGCAATCAGAACAGTGGGATTATCTTCAGCACTGTT 496
QY 141 GLUTHTASNTILEGLYASNPHEAPVALMETHTGLYARGPHEGLYAPROVALSER 160
DB 497 GAGACCAACATTGGAAACTTCTTGTATGTCATGACGTGATGATTGGGGCCCCAGATATCA 556
QY 161 GLYVALTYRPHETHRPHESERMETLYSHIGLYASPYALGULUVALTYRVAL 180
DB 557 GGTGTGTATTTCTTCACCTTCAGCATGATGAGACATGAGAGATGTTGAGAAAGTATGTG 616
QY 181 TYRLEMEUHIASNGLYASNTHTVALPHESERMETYRSEITYRGLMETLYSGLYYS 200
DB 617 TACCTTATGCAACATGCAACACAGCTTCAGCATGTACAGCTATGAATGAAGGCGAANA 676
QY 201 SERAPRTHSERSESRASHISALAVALLLEULYVLEUALYGLYASPGULVALTTPLEU 220
DB 677 TTAGATACATCCAGCAATCATGCTGTGCTGAGCTGCAAAAGGGGATAGGTTTGCGCTG 736
QY 221 ARGMEGLYASNGLYALALEUHIASGLYASPHISGLIANGPHESERTHRPHEALAGLYPHE 240
DB 737 CCAATGGGCAATGGCGCTTCATCGGAGACCAACGCTTCTCCACCTTTGCAAGATTC 796
QY 241 LEULEUPHEGLUTHTLYS 246
DB 797 CTGCTCTTGAACCTAAG 814
RESULT 12
US-10-036-160-1
; Sequence 1, Application US/10036160
; Publication No. US20030044842A1
; GENERAL INFORMATION:
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P303ORIC3
; CURRENT APPLICATION NUMBER: US/10/036,160
; PRIOR FILING DATE: 2001-12-26
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/112514
; PRIOR FILING DATE: 1998-12-15
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; PRIOR FILING DATE: 1999-12-22
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; PRIOR APPLICATION NUMBER: PCT/US00/23522

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PRIOR APPLICATION NUMBER: PCT/US00/32678
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PRIOR FILING DATE: 2000-12-20
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PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 1
LENGTH: 1712
TYPE: DNA
ORGANISM: Homo Sapien
US-10-036-160-1

Alignment Scores:
Pred. No.: 3,646-148 Length: 1712
Score: 1367.00 Matches: 246
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 14 Gaps: 0
US-10-036-041-2 (1-246) x US-10-036-160-1 (1-1712)

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DB 77 AGCTTTGAGGCACTGATCTATTTGGCAACTGCTGGCTTTGTTTCTCTCTTTTGC 136
QY 21 LeuCYsGlnAspGlnTyrMeGlnuSerProGlnThrglyGlyLeuProAspCys 40
DB 137 CTGTGTCAAGATGATATCATGAGTCTCCACAAACCGAGAGATACCCCGATGCACT 196
QY 41 LysCYsCYsHleGlyAspTyrSerPheArgGlyTyrGlnGlyProProGlyProProGly 60
DB 197 AAGTGTGATGAGAGACTACAGCTTTGAGGCTACCAAGCCCGCTGGCCACCGGCG 256
QY 61 ProProGlyLleProGlyAsnHleGlyAsnAsnGlyAsnAsnGlyAlaThrglyHleGly 80
DB 257 CCTCTGCGCATTCAGAAACCATGAAACATGGAACATGAGCCACTGCTCATGAA 316
QY 81 GAlaAlaLysGlyLysGlyLysGlyLysGlyLysGlyLysGlyLysGlyLysGlyLys 100
DB 317 GGAGCCAAAGTGAGAAAGGCGCAAAAGTGAACCTGGGGCTTCGAGGGAGCGGGGCGAG 376
QY 101 HleGlyProLysGlyLysGlyLysGlyLysGlyLysGlyLysGlyLysGlyLysGly 120
DB 377 CATGCCCCCAAGAGAGAGAGGCTACCGGGGATTCACACCAACTTCAGATTGCAATTC 436
QY 121 MetAlaSerLeuAlaThrglyPheSerHleGlnAsnSerGlyLleLlePheSerSerVal 140
DB 437 AAGGCTTCTCTGCAACCATCTTCAGCATGAAACAGTGGGATTTATCTTCAGCAGTGT 496
QY 141 GluThrAsnLleGlyAsnPhePheAspValMetThrglyATGSPheGlyAlaProValSer 160
DB 497 GAGACCAACATTGAAACTTCTTTATGTCAGACTGGAGATTTGGGCGCCCGATAC 556
QY 161 GAlaAlaLysPhePheThrglyPheSerMetLysHleGlyAsnValGlnGlyValTyrVal 180
DB 557 GGTGTGATTTCTTCACCTTCAGCATGATGAAGCATGAGATGTTGAGAGAGTGTATGTG 616
QY 181 TyrLeuMetHleAsnGlyAsnThrglyAlaPheSerMetTyrSerTyrGlnMetLysGlyVal 200
DB 617 TACCTTATGCAAAATGGAACACAGTCTTCAGCATGTACAGCTATGAATGAAGGGCMAA 676

QY 201 SerAspThrSerSerAsnHleAlaValLeuLysLeuAlaLysGlyAspGlyValTyrPhe 220
DB 677 TCAGATACATCCAGCAATATATCTGTGTAAGCTAGCCAAAGGGGATGAGGTTTGGCTG 736
QY 221 ArgMetGlyAsnGlyAlaLeuHleGlyAsnHleGlyAsnHleGlyAsnHleGlyAsn 240
DB 737 CGAATGGCAATGGGCGCTCTCCATGCGGACCAACCGCTTCTCCACCTTTGCAAGATTC 796
QY 241 LeuLeuPheGluThrLys 246
DB 797 CTGCTTTTGAACCTAAG 814
RESULT 13
US-10-035-958-1
Sequence 1, Application US/10035958
Publication No. US20030049733A1
GENERAL INFORMATION:
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Aubelin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3030R1C7
CURRENT APPLICATION NUMBER: US/10/035,958
PRIOR FILING DATE: 2001-12-26
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/112514
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; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 80
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; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-035-958-1

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Alignment Scores:
Pred. No.: 3,64e-148 Length: 1712
Score: 1367.00 Matches: 246
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 14 Gaps: 0

US-10-036-041-2 (1-246) x US-10-035-958-1 (1-1712)
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QY 21 LeuCyGlnApgGluTyrmEtGUsErProGlnThrgLyGlyLeuProProAspCys 40
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QY 41 LysCyGysHisGlyAspTyrsErPheAArgLyTyrgInglyProProGlyProProGly 60
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QY 241 LeuLeuPheGluThrTy 246
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; Sequence 1, Application US/10036150
; Publication No. US20030049734A1
; GENERAL INFORMATION:
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James

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APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
ACIDS ENCODING THE SAME
FILE REFERENCE: P3030R1C9
CURRENT APPLICATION NUMBER: US/10/036,150
CURRENT FILING DATE: 2001-12-26
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PRIOR FILING DATE: 2001-03-22

PRIOR APPLICATION NUMBER: 09/854208
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PRIOR APPLICATION NUMBER: 09/854280
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/874503
PRIOR FILING DATE: 2001-06-05
PRIOR APPLICATION NUMBER: 09/869599
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: 09/908,827
PRIOR FILING DATE: 2001-07-18
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PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/US99/28551
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30720
PRIOR FILING DATE: 1999-12-22
PRIOR APPLICATION NUMBER: PCT/US00/05601
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR FILING DATE: 2000-03-02
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PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 1
LENGTH: 1712
TYPE: DNA
ORGANISM: Homo Sapien
US-10-036-150-1
Alignment Scores:
Pred. No.: 3,646-148 Length: 1712
Score: 1367.00 Matches: 246
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 14 Gaps: 0
US-10-036-041-2 (1-246) x US-10-036-150-1 (1-1712)
QY 1 MetLeuTTPaGhInleuIeTyTTPGhInleuAAlaPhePheLeuProPheCys 20
DB 77 ATGCTTTGGAGCGACCTCATATTGGCAACGCTGGCTTTGTTTCTCCCTTTTGC 136
QY 21 LeuCyGInaPcJLtyMeGJuSerProGInThrgLyGlyLeuProPheAspCysSer 40
DB 137 CTGTGCAAGATGAATACATGGAGTCTCCAAACCGAGGACTACCCCGACTGCACT 196
QY 41 LysCySshIeGlyAspTySerPheArGlyTyGInGlyProProGlyProProGly 60
DB 197 AAGTGTTCATGAGACATCAAGCTTTCGAGGCTACCAAGGCCCTCGGGGCACTGG 256
QY 61 ProProGlyTLeProGlyAsnHisGlyAsnAngLyAsnAngLyAlaThrGlyHisGlu 80

Db 257 CCTCGGCGATTCCAGAAACCATGGAAACAATGGCAACATGAGCACTGGTCATGAA 316
Qy 81 GYIALALYGLYGLULYSGLYAEPYSGLYAEPLEUGLYPROARGGLYGLULARGGLYGLN 100
Db 317 GGAGGCCAAAGGTGAAGAGGGCCGCAAAAGGTGACCTGGGGGCTTCGAGGGGAGCGGGGAG 376
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Db 377 CATGGCCCCAAAGAGAGAGGAGGCTACCCGGGGATTCCACCAACTTCAGATTGCAATTC 436
Qy 121 MetAlaSerLeuAlaThrHisPheSerAsnGlnAsnSerGlyIleIlePheSerSerVal 140
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Db 557 GGATGATATTTCTTCACCTTCAGCATGATGAGCAAGCATGAGATGTGAGAGATGATG 616
Qy 181 TyrLeuMetHisAsnGlyAsnThrValPheSerMetYrSerGlyMetLysGlyLys 200
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Qy 241 LeuLeuPheGluThrLys 246
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RESULT 15
US-10-036-063-1
Sequence 1, Application US/10036063
Publication No. US20030092063A1
GENERAL INFORMATION:
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3030R1C6
CURRENT APPLICATION NUMBER: US/10/036,063
PRIOR FILING DATE: 2001-12-26
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/112514
PRIOR FILING DATE: 1998-12-15
PRIOR APPLICATION NUMBER: 60/113300
PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/113430
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113605
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PRIOR APPLICATION NUMBER: 60/113621
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/114140
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PRIOR APPLICATION NUMBER: 60/115552

PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/116843
PRIOR FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 60/125774
PRIOR FILING DATE: 1999-03-23
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PRIOR FILING DATE: 1999-05-25
PRIOR APPLICATION NUMBER: 60/138166
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PRIOR APPLICATION NUMBER: 09/644848
PRIOR FILING DATE: 2000-08-22
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PRIOR FILING DATE: 2001-07-18
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PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/US99/28551
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30720
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PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR FILING DATE: 2000-03-02
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US00/15264
PRIOR FILING DATE: 2000-06-02

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; PRIOR APPLICATION NUMBER: PCT/US00/23328
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; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: PCT/US00/34956
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; PRIOR APPLICATION NUMBER: PCT/US01/17800
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; PRIOR APPLICATION NUMBER: PCT/US01/21066
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 1
; LENGTH: 1712
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-036-063-1

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Alignment Scores:

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Pred. No.: 3,646-148 Length: 1712
Score: 1367.00 Matches: 246
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 14 Gaps: 0

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US-10-036-041-2 (1-246) x US-10-036-063-1 (1-1712)

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QY 1 MetLeuTTPARGGLLeuLleTTPGlnLeuLeuAlaLeuPheLeuProPheCys 20
DB 77 ATGCTTGAGAGCAAGCTCATCTATGCACTGCTGTTTTCCTCCCTTTTGC 136
QY 21 LeuCySGlnASPGLuTTPMetGluSerProGlnThrGlyLeuProProAspCysSer 40
DB 137 CTGTCAAGAGAAATACATGAGTCTCCACAAACGGAGGACTACCCCACTGCAGT 196
QY 41 LysCysCySHisGlyASPTrSerPheArgGlyTyrgInGlyProProGlyProProGly 60
DB 197 AAGTTTGTACATGAGACTTACAGCTTTCGAGGCTTACCAAGSCCCCTGGGCCACCGGGC 256
QY 61 ProProGlyTleProGlyAsnHisGlyAsnAsnGlyAsnAsnGlyAlaThrGlyHisGlu 80
DB 257 CCTCTGGCAATCCAGAAACCATGGAACAATGGCAACATGGAGCCACTGTCATGAA 316
QY 81 GlyAlaLysGlyGluLysGlyAspLysGlyAspLysGlyProArgGlyGluArgGlyGln 100
DB 317 GGAGCCAAAGGAGAAAGGCGACAAAGTGACCTGGGGCTTCGAGGGGAGCGGGGCGAG 376
QY 101 HisGlyProLysGlyGluLysGlyTyrrProGlyTleProProGlyLeuGlnIleAlaPhe 120
DB 377 CATGGCCCCCAAGGAGAAAGGCTTACCCGGGATTCACCAAGACTTCAGATTGCATTTC 436
QY 121 MetAlaSerLeuAlaThrHisPheSerAsnGlnAsnSerGlyIleIlePheSerSerVal 140
DB 437 ATGGCTTCTCGGCAACCACTTCAGCAATCAGAAACAGTGGATTATCTTCAGCAGTGTTC 496
QY 141 GluThrAsnIleGlyAsnPhePheAspValMetThrGlyArgPheGlyAlaProValSer 160
DB 497 GAGACCAACATTGGAAACTTCTTTGATGTCACTGTGATATTGGGGCCCGCATATCA 556
QY 161 GlyValTyrrPhePheThrPheSerMetLysHisGluAspValGluGluValTyrrVal 180
DB 557 GGTGTATTTCTTCACTTCACTTCAGCATGATGAAGCATGAGATGTTGAGAGAGTATATGTG 616
QY 181 TyrrLeuMetHisAsnGlyAsnThrValPheSerMetTyrrSerTyrrGluMetLysGlyLys 200

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DB 617 TACCTTATGCACAAATGGCAACACAGTCTTCAGCATGTACAGCTATGAATGAAGGCAAA 676
QY 201 SerASPThrSerSerPheHisAlaValLeuLysLeuAlaLysGlyAspGluValTrpLeu 220
DB 677 TCAGATPACATCCAGCAATCATGCTGTGTGAAGCTTAGCCAAAGGAGATGAGATTGGCTG 736
QY 221 ArgMetGlyAsnGlyAlaLeuHisGlyAspHisGlnArgPheSerThrPheAlaGlyPhe 240
DB 737 CGAATGGGCAATGGGCGCTCTCCATGGGGACCAACAAGCTTCTCCACCTTGGCAGATTTC 796
QY 241 LeuLeuPheGluThrLys 246
DB 797 CTGCTCTTGAAGCTTAAG 814

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Search completed: February 24, 2005, 11:40:09
Job time : 590 secs